



SAND AND MORE 2026



Uniques of nature



Surface Unsealing with Mineral Mulch

In Vienna, it's currently easy to observe how sealed public surfaces are being broken up and greened. Rainwater can once again seep into the ground, and the plants provide shade and evaporative cooling in the summer. Gravel is being used as a mineral mulch material in planting beds. Compared to bark mulch, it does not decompose, therefore does not remove phosphorus from the soil, and contains no plant-damaging tannins. Furthermore, it is easy to walk on and inhibits weed growth. Light-colored stone reflects sunlight and does not heat up. These advantages can also be enjoyed in private gardens. Planting beds with natural stone aggregates offer a practical and attractive design option.

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DESIGN TIPS

You buy decorative stones with the intention of making your immediate environment nicer. But beauty doesn't come from the material alone. It's key to take a holistic view of the home and garden, and thoughtfully plan out the grounds. Your property should also fit in well with its surroundings. Some tips to help your project be a success:

The gravel size issue



Make sure to have consistent proportions when selecting stone size. For your project, choose the gravel size that looks the best and is most suitable from a technical perspective (bed size, walkability, water permeability, cost of maintenance, etc.). Note that fine chip gravel gets dirty faster and maintenance is more intensive. Coarser gravel is more water-permeable, is not washed away, doesn't attract cats and can be cleaned using a leaf blower. Use gravel that is round in shape if the surfaces are going to be used for walking barefoot. Loosen up larger beds with chunks, boulders or rubble stones.

Stones as a habitat



Coarse rubble stone gravel can be a good habitat for useful insects and small animals that live in the spaces between the stones. With this in mind, also use coarse gabion filling material in your surface design, or make a stone heap that can also serve as a habitat for animals.

Don't forget the plants

Surfaces made of gravel, chips and pebbles are an alternative to maintenance-intensive green spaces. However, for use over a large area, it is important not to forget the green, otherwise the space can look too bare. You

can create a high-quality habitat by having a harmonious blend of stone surfaces, grasses, perennials, hedges, flower beds, lawns and flower meadows. If needed, ask your gardener about plants that have a low maintenance cost.



Less is more

Only use a few colours. Think about what colour stones go with your style of house and/or garden.



Combine the same coloured stones in different sizes. What type and colour of stone is used for historical buildings and designs in your region? Align yourself with what's already in the area so that your property fits in well with its surroundings and isn't a 'foreign body'. Don't overdo it with diversity; the line between personal creativity and kitsch is a thin one.

A question of style

Think about what style you want your garden to have and stay true to this defined style when planning and executing:

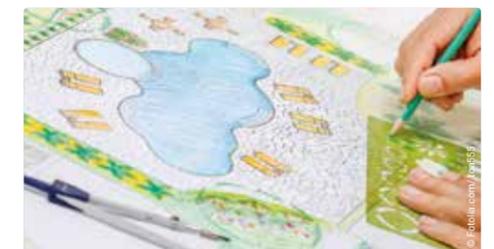
- Modern, straightforward garden
- Farmhouse garden
- Mediterranean garden
- Country house garden



If you want to combine several styles for your property, create sections so that the styles are clearly separated. Avoid mixing different styles in the same space. Your house also has a specific style and should form a stylistic unit with the garden.

Expert advice

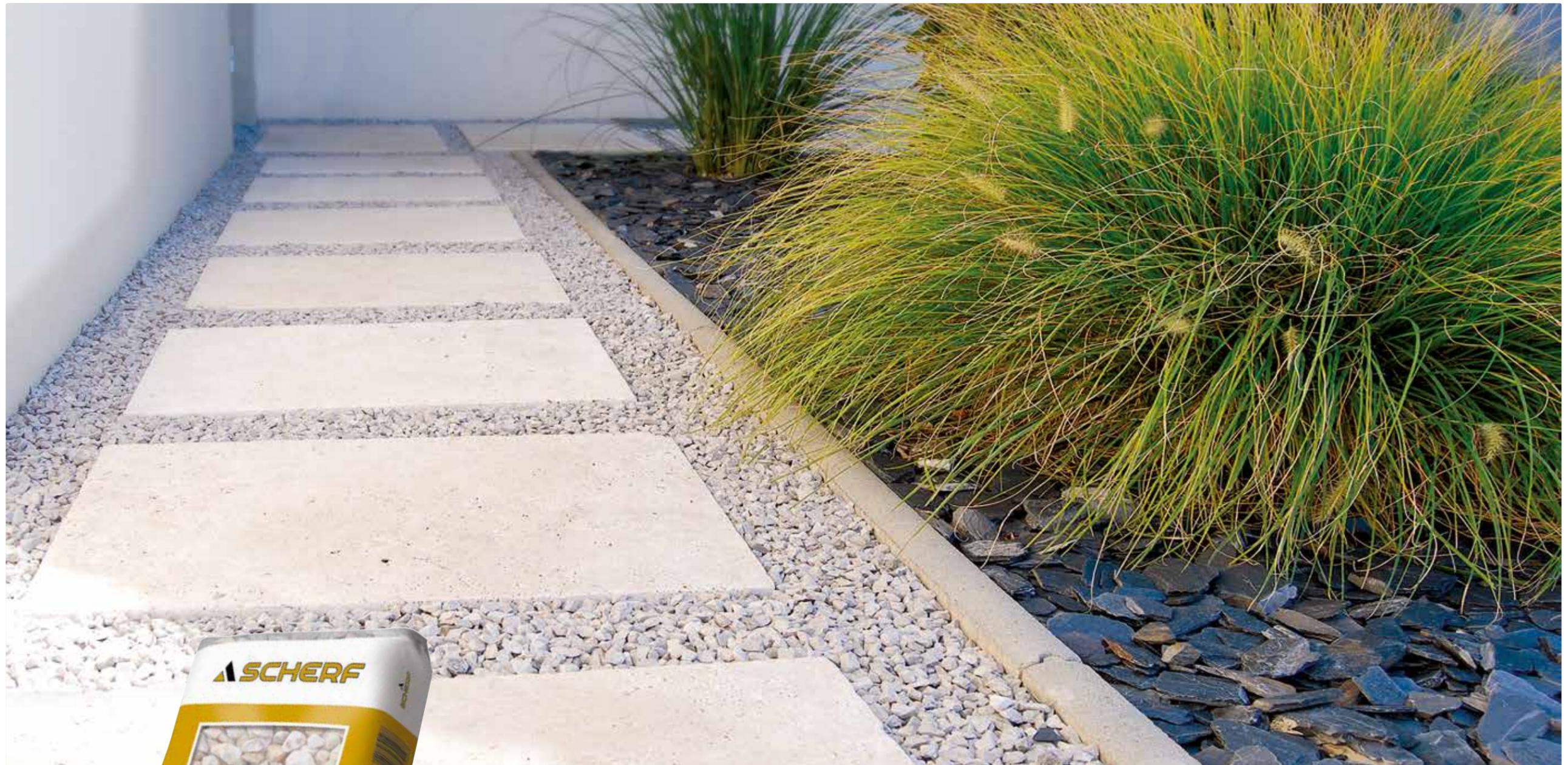
Hire a trained garden planner to plan out your outdoor area. Compared to what you will end up investing in your garden, it won't cost you that much. When actually creating the garden, you can save a lot with your own ambitious contributions.



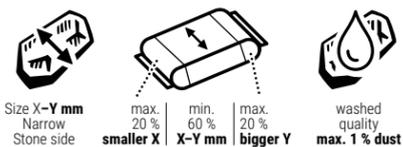
- Area design in gardening and landscaping
- Stone beds with grasses and shrubs
- Mulch beds
- House edging (eaves, splash protection)
- Japanese gardens
- Trench gravel
- Filling material for grid and slope concrete blocks
- Tree grates
- Design of traffic surfaces
- Aquariums
- Solitary stones in the garden
- Stone gardens
- Fill material for gabions (stone baskets)
- Garden pond and habitat pebbles
- Streams
- Paving
- Flowerpot decoration
- Indoor fountains
- Flat roofs

Tip

With kerbstones or SCHERF lawn edges, you can separate the chip surface neatly from the adjacent landscape. Use an anti-weed fabric as a base.



! Our natural products are subject to variation in colour, texture and size. Due to the nature of the printing process, the images may not correspond to the actual stone colour. (See sample service on page 107). Discolouration is possible to a small extent. The information about stone sizes relates to the sieve mesh size. Larger side lengths with longer stones and a small proportion of smaller stones cannot be avoided due to the nature of the sieves. Many types of products are delivered „washed“. A little bit of abrasive dust is produced as a result of manipulating the material when packaging it. This does not constitute grounds for a complaint.



DECORATIVE STONES

DECOR CHIPS & GRAVELS | DECORATIVE PEBBLES | MONOLITHS

DECOR CHIPS & GRAVELS



Marble chips, Cloud white

White marble from Austria.
Characteristics: Crushed aggregate
Stone: Marble

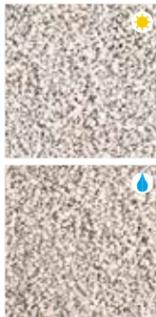
16 – 32 mm	PE sack	25 kg	48	90 04179 41056 2	1500 kg/m ³	45
16 – 32 mm	Big bag	1000 kg	1	90 04179 41059 3	1500 kg/m ³	45



Marble gravel, Cloud white

White marble from Austria.
 Also for filling narrow gabions up to 25 mm wire spacing.
Characteristics: Crushed aggregate
Stone: Marble

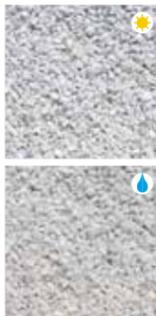
25 – 50 mm	PE sack	25 kg	48	90 04179 41656 4	1500 kg/m ³	90
25 – 50 mm	Tandem-Bags*	1000 kg	1	90 04179 41658 8	1500 kg/m ³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 41659 5	1500 kg/m ³	90



Marble chips, Matt white

Visually pleasing matt white marble chips.
Characteristics: Crushed aggregate
Stone: Dolomit

4 – 8 mm	PE sack	25 kg	48	90 04179 41426 3	1500 kg/m ³	25
4 – 8 mm	Big bag	1000 kg	1	90 04179 41429 4	1500 kg/m ³	25
8 – 12 mm	PE sack	10 kg	60	90 04179 41524 6	1500 kg/m ³	30
8 – 12 mm	PE sack	25 kg	48	90 04179 41526 0	1500 kg/m ³	30
8 – 12 mm	Big bag	1000 kg	1	90 04179 41529 1	1500 kg/m ³	30



Marble chips, Carrara white

Snow white marble chips made from famous Carrara marble.
Characteristics: Crushed aggregate
Stone: Marble

6 – 9 mm	PE sack	25 kg	48	90 04179 41416 4	1500 kg/m ³	25
6 – 9 mm	Big bag	1000 kg	1	90 04179 41419 5	1500 kg/m ³	25
9 – 12 mm	PE sack	10 kg	60	90 04179 41514 7	1500 kg/m ³	30
9 – 12 mm	PE sack	25 kg	48	90 04179 41516 1	1500 kg/m ³	30
9 – 12 mm	Big bag	1000 kg	1	90 04179 41519 2	1500 kg/m ³	30
16 – 25 mm	PE sack	25 kg	48	90 04179 41016 6	1500 kg/m ³	45
16 – 25 mm	Big bag	1000 kg	1	90 04179 41019 7	1500 kg/m ³	45

Marble gravel, Carrara white

Snow-white marble quarry made from famous Carrara marble.
Characteristics: Crushed aggregate
Stone: Marble

25 – 50 mm	PE sack	25 kg	48	90 04179 41616 8	1500 kg/m ³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 41619 9	1500 kg/m ³	90



Marble fragments, Pure white

Very bright, homogeneous white marble stone. For enlivening plots with natural stone grains, especially beautiful when combined with plants.
Characteristics: Fragment
Stone: Marble

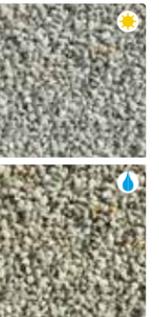
150 – 300 mm	Mesh basket	1 kg	700	90 04179 41837 7	1500 kg/m ³	
300 – 500 mm	Wood frame	1 kg	700	90 04179 41937 4	1500 kg/m ³	



Quartzite chips, Ice white

Cool, whitish green colour. Does not absorb moisture.
Characteristics: Crushed aggregate, washed
Stone: Quartzite

8 – 12 mm	PE sack	25 kg	48	90 04179 41596 3	1500 kg/m ³	30
8 – 12 mm	Big bag	1000 kg	1	90 04179 41599 4	1500 kg/m ³	30



Marble chips, Chateau beige

Washed, beige marble chippings – discreet and unobtrusive.
Characteristics: Crushed aggregate, washed
Stone: Dolomit

8 – 12 mm	PE sack	25 kg	48	90 04179 41546 8	1500 kg/m ³	30
8 – 12 mm	Big bag	1000 kg	1	90 04179 41549 9	1500 kg/m ³	30
16 – 25 mm	Big bag	1000 kg	1	90 04179 41049 4	1500 kg/m ³	45



Marble gravel, Chateau beige

Stylish marble gravel, washed quality.
 Also for filling narrow gabions up to 25 mm wire spacing.
Characteristics: Crushed aggregate, washed
Stone: Dolomit

25 – 50 mm	PE sack	25 kg	48	90 04179 41646 5	1500 kg/m ³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 41649 6	1500 kg/m ³	90





Limestone chips, Istria beige

Mediterranean Limestone that brings the holiday atmosphere to the garden.

Characteristics: Crushed aggregate, washed

Stone: Limestone

16 – 32 mm	PE sack	25 kg	48	90 04179 41176 7	1500 kg/m ³	60
16 – 32 mm	Big bag	1000 kg	1	90 04179 41179 8	1500 kg/m ³	60



Limestone gravel, Istria beige

Mediterranean Limestone that brings the holiday atmosphere to the garden.

Characteristics: Crushed aggregate, washed

Stone: Limestone

32 – 80 mm	Big bag	1000 kg	1	90 04179 41779 0	1500 kg/m ³	110
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Marble gravel, Cream red

Red-brown and beige marble gravels with white streaks..

Characteristics: Crushed aggregate, washed

Stone: Marble

16 – 32 mm	Big bag	1000 kg	1	90 04179 45079 7	1500 kg/m ³	50
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Marble chips, Verona red

Washed chips made from Italian Verona marble.

Characteristics: Crushed aggregate, washed

Stone: Marble

9 – 12 mm	PE sack	25 kg	48	90 04179 45516 7	1500 kg/m ³	30
9 – 12 mm	Big bag	1000 kg	1	90 04179 45519 8	1500 kg/m ³	30
16 – 25 mm	PE sack	25 kg	48	90 04179 45016 2	1500 kg/m ³	45
16 – 25 mm	Big bag	1000 kg	1	90 04179 45019 3	1500 kg/m ³	45



Marble gravel, Verona red

Washed marble gravel made from Italian Verona marble.

Also for filling narrow gabions with up to 25 mm wire spacing.

Characteristics: Crushed aggregate, washed

Stone: Marble

25 – 50 mm	PE sack	25 kg	48	90 04179 45616 4	1500 kg/m ³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 45619 5	1500 kg/m ³	90





Marble chips, Royal red

Luxurious stone in vibrant red, with streaks of white calcite.
Characteristics: Crushed aggregate, washed
Stone: Marble

16 – 25 mm	Big bag	1000 kg	1	90 04179 45059 9	1500 kg/m ³	45
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Marble gravel, Red brown

Limestone with a warm, earthy colour tone.
Characteristics: Crushed, washed
Stone: Marble

25 – 50 mm	Big bag	1000 kg	1	90 04179 45669 0	1500 kg/m ³	90
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Lava mulch, Brown

- Non-rotting, open-pore mulch material with warm, natural radiance
- Stores water and slowly distributes it back into the soil
- Improves the soil fauna by constantly keeping it moist
- Protects the soil from direct sunlight and drying up
- Reduces evaporation thanks to capillary break on the soil surface
- The high proportion of air in the grains stores the heat and reduces the daily temperature fluctuations in the planting bed, which has a positive effect on plant development
- Optimum air permeability and increased oxygenation
- Contains valuable minerals and trace elements
- No soil erosion when it rains and when watering
- Structurally stable – the soil isn't compressed through use
- Clean accessibility of the plant bed, even after heavy rain fall
- Poor growing conditions for wild herb seeds due to the coarse and dry surface
- Quick drying of the bed surface reduces rotting and mould and bacteria formation
- Doesn't rot - nitrogen is therefore not removed from the soil and remains accessible for plants
- Protects against snail infestation thanks to the coarse surface
- Reduced maintenance effort

Additional application possibilities:

- Mediterranean hydroponics (alternative to expanded clay)
- Top layer and/or drainage layer in plant container and flower pot
- Protection against splash water on walls
- Tree discs

Characteristics: Crushed aggregate
Stone: Volcanic lava

8 – 25 mm	PE sack	20 kg	48	90 04179 45545 7	1000 kg/m ³ **	50
8 – 25 mm	Tandem-Bags*	800 kg	1	90 04179 45548 8	1000 kg/m ³ **	50
8 – 25 mm	Big bag	800 kg	1	90 04179 45549 5	1000 kg/m ³ **	50

** at approx. 15% water content



Lava mulch, Anthracite

For properties and usage, see Lava mulch, Brown.

Characteristics: Crushed aggregate
Stone: Volcanic lava

8 – 25 mm	PE sack	20 kg	48	90 04179 48545 4	1000 kg/m ³ **	50
8 – 25 mm	Big bag	800 kg	1	90 04179 48549 2	1000 kg/m ³ **	50

** at approx. 15% water content



Lava fragments, ember and black

Very light, volcanic lava with mystic appearance.
Characteristics: Fragment, lime-free
Stone: Lava

50 – 300 mm	Mesh basket	1 kg	200	90 04179 57727 2	400 kg/m ³	300
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Limestone chips, Colourful July

Summery stones with different, Mediterranean shades.
Characteristics: Crushed aggregate, washed
Stone: Limestone

8 – 12 mm	PE sack	25 kg	48	90 04179 51566 3	1500 kg/m ³	30
8 – 12 mm	Big bag	1000 kg	1	90 04179 51569 4	1500 kg/m ³	30
22 – 32 mm	PE sack	25 kg	48	90 04179 51166 5	1500 kg/m ³	60
22 – 32 mm	Big bag	1000 kg	1	90 04179 51169 6	1500 kg/m ³	60



Marble chips, Gold ochre

Baroque marble with warm appearance.
Characteristics: Crushed aggregate, washed
Stone: Marble

8 – 12 mm	PE sack	25 kg	48	90 04179 51546 5	1500 kg/m ³	30
8 – 12 mm	Big bag	1000 kg	1	90 04179 51549 6	1500 kg/m ³	30
16 – 25 mm	PE sack	25 kg	48	90 04179 51046 0	1500 kg/m ³	45
16 – 25 mm	Big bag	1000 kg	1	90 04179 51049 1	1500 kg/m ³	45



Marble gravel, Gold ochre

Baroque marble with warm appearance.
 Also for filling narrow gabions with up to 25 mm wire spacing.
Characteristics: Crushed aggregate, washed
Stone: Marble

25 – 50 mm	PE sack	25 kg	48	90 04179 51646 2	1500 kg/m ³	90
25 – 50 mm	Tandem-Bags*	1000 kg	1	90 04179 51648 6	1500 kg/m ³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 51649 3	1500 kg/m ³	90





Marble chips, Siena yellow

Washed chips made from Italian Siena marble.
Characteristics: Crushed aggregate, washed
Stone: Marble

9 – 12 mm	PE sack	25 kg	48	90 04179 51516 8	1500 kg/m ³	30
9 – 12 mm	Big bag	1000 kg	1	90 04179 51519 9	1500 kg/m ³	30
22 – 32 mm	PE sack	25 kg	48	90 04179 51116 0	1500 kg/m ³	60
22 – 32 mm	Big bag	1000 kg	1	90 04179 51119 1	1500 kg/m ³	60



Green slate chips, Glitter green

Glossy chips in different shades of green.
Characteristics: Crushed aggregate, washed
Stone: Green slate

8 – 16 mm	PE sack	25 kg	48	90 04179 47556 1	1600 kg/m ³	35
8 – 16 mm	Big bag	1000 kg	1	90 04179 47559 2	1600 kg/m ³	35
16 – 32 mm	Big bag	1000 kg	1	90 04179 47059 7	1600 kg/m ³	45



Green slate gravel, Glitter green

Shiny gravel in different shades of green.
 Also for filling up narrow gabions up to 25 mm wire spacing.
Characteristics: Crushed, washed
Stone: Green slate

25 – 50 mm	PE sack	25 kg	48	90 04179 47656 8	1600 kg/m ³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 47659 9	1600 kg/m ³	90



Marble chips, Danube blue

Washed chips made from dark blue marble with partial white and light grey grain.
Characteristics: Crushed aggregate, washed
Stone: Marble

8 – 12 mm	PE sack	10 kg	60	90 04179 49534 7	1550 kg/m ³	30
8 – 12 mm	PE sack	25 kg	48	90 04179 49536 1	1550 kg/m ³	30
8 – 12 mm	Big bag	1000 kg	1	90 04179 49539 2	1550 kg/m ³	30
16 – 25 mm	PE sack	25 kg	48	90 04179 49036 6	1550 kg/m ³	45
16 – 25 mm	Big bag	1000 kg	1	90 04179 49039 7	1550 kg/m ³	45
22 – 32 mm	Big bag	1000 kg	1	90 04179 49139 4	1550 kg/m ³	60



Marble gravel, Danube blue

Rubble stone made from dark blue marble.
 Also for filling narrow gabions with up to 25 mm wire spacing.
Characteristics: Crushed aggregate
Stone: Marble

25 – 50 mm	PE sack	25 kg	48	90 04179 49636 8	1500 kg/m ³	90
25 – 50 mm	Tandem-Bags*	1000 kg	1	90 04179 49638 2	1500 kg/m ³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 49639 9	1500 kg/m ³	90

Marble chips, Silver grey

Washed marble chips with a light, timeless shade of grey.
Characteristics: Crushed aggregate, washed
Stone: Marble

8 – 12 mm	PE sack	25 kg	48	90 04179 49546 0	1500 kg/m ³	30
8 – 12 mm	Big bag	1000 kg	1	90 04179 49549 1	1500 kg/m ³	30
16 – 25 mm	Big bag	1000 kg	1	90 04179 49049 6	1500 kg/m ³	45



Limestone chips, Mouse grey

Dark grey limestone – simple and elegant.
Characteristics: Crushed aggregate, washed
Stone: Limestone

8 – 12 mm	PE sack	25 kg	48	90 04179 49566 8	1500 kg/m ³	30
8 – 12 mm	Big bag	1000 kg	1	90 04179 49569 9	1500 kg/m ³	30
16 – 25 mm	Big bag	1000 kg	1	90 04179 49069 4	1500 kg/m ³	45



Marble chips, Grey white

Dark grey limestone with white calcite veins.
Characteristics: Crushed aggregate, washed
Stone: Limestone

16 – 25 mm	PE sack	25 kg	48	90 04179 49006 9	1550 kg/m ³	45
16 – 25 mm	Big bag	1000 kg	1	90 04179 49009 0	1550 kg/m ³	45



Marble gravel, Grey white

Dark grey limestone with white calcite veins.
Characteristics: Crushed aggregate, washed
Stone: Limestone

25 – 50 mm	PE sack	25 kg	48	90 04179 49606 1	1550 kg/m ³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 49609 2	1550 kg/m ³	90



Gneiss gravel, poplar silver

Silver shimmering gneiss is reminiscent of bark. Bar-shaped gravel with grey, white and brown layers.
Characteristics: Crushed aggregate, washed
Stone: Gneiss

16 – 40 mm	PE sack	25 kg	48	90 04179 48046 6	1500 kg/m ³	55
16 – 40 mm	Big bag	1000 kg	1	90 04179 48049 7	1500 kg/m ³	55





Granite chips, Salt & pepper

Washed chips made from classic granite. This traditional natural stone blends into the landscape harmoniously.
Characteristics: Crushed aggregate, washed
Stone: Granite

8 – 12 mm	PE sack	25 kg	48	90 04179 49576 7	1500 kg/m³	30
8 – 12 mm	Big bag	1000 kg	1	90 04179 49579 8	1500 kg/m³	30
16 – 25 mm	PE sack	25 kg	48	90 04179 49076 2	1500 kg/m³	45
16 – 25 mm	Big bag	1000 kg	1	90 04179 49079 3	1500 kg/m³	45



Granite gravel, Salt & pepper

Washed rubble stone made from classic granite. Also for filling narrow gabions with up to 25 mm wire spacing.
Characteristics: Crushed aggregate, washed
Stone: Granite

25 – 50 mm	PE sack	25 kg	48	90 04179 49676 4	1600 kg/m³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 49679 5	1600 kg/m³	90



Basalt chips, Black

Washed chips made from hard basalt.
Characteristics: Crushed aggregate, washed
Stone: Basalt

8 – 12 mm	PE sack	25 kg	48	90 04179 49526 2	1600 kg/m³	30
8 – 12 mm	Big bag	1000 kg	1	90 04179 49529 3	1600 kg/m³	30
22 – 32 mm	PE sack	25 kg	48	90 04179 49126 4	1600 kg/m³	60
22 – 32 mm	Tandem-Bags*	1000 kg	1	90 04179 49128 8	1600 kg/m³	60
22 – 32 mm	Big bag	1000 kg	1	90 04179 49129 5	1600 kg/m³	60



Basalt gravel, Black

Washed rubble stone made from hard basalt. Also for filling narrow gabions with up to 25 mm wire spacing.
Characteristics: Crushed aggregate, washed
Stone: Basalt

25 – 50 mm	PE sack	25 kg	48	90 04179 49626 9	1600 kg/m³	90
25 – 50 mm	Tandem-Bags*	1000 kg	1	90 04179 49628 3	1600 kg/m³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 49629 0	1600 kg/m³	90



Marble chips, Ebony black

Uniformly black natural stone. Ideal for minimalist designs in modern style.
Characteristics: Crushed, washed
Stone: Marble

16 – 25 mm	Big bag	1000 kg	1	90 04179 48019 0	1500 kg/m³	45
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Marble chips, Black-white

With white calcite streaks through the black marble. Luxurious simplicity and modesty in modern designs.
Characteristics: Crushed aggregate
Stone: Marble

16 – 25 mm	PE sack	25 kg	48	90 04179 49096 0	1550 kg/m³	45
16 – 25 mm	Big bag	1000 kg	1	90 04179 49099 1	1550 kg/m³	45



Marble gravel, Black-white

With white calcite streaks through the black marble. Luxurious simplicity and modesty in modern designs.
Characteristics: Crushed aggregate
Stone: Marble

25 – 50 mm	PE sack	25 kg	48	90 04179 49696 2	1550 kg/m³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 49699 3	1550 kg/m³	90



Mix your individual colour combination! Our suggestions:



Marble chips, Chateau beige and Verona red, 9-12 mm



Marble chips, Silver grey and Limestone chips, Mouse grey, 9-12 mm



Basalt chips, Black and Marble chips, Silver grey, 9-12 mm



Marble chips, Verona red and Gold ochre, 9-12 mm



Decorative marble pebbles, Ebony black and Carrara white, 16-25 mm



Marble chips, Verona red and Basalt chips, Black, 9-12 mm



Basalt chips, Black and Limestone chips, Mouse grey, 8-12 mm



Marble chips, Siena yellow and Marble chips, Verona red, 9-12 mm



Marble chips, Chateau beige & Limestone chips, Mouse grey 9-12 mm



Glass chips, Clear and Flash blue, 4-8 mm



Glass chips, Clear and Garden green, 4-8 mm



Basalt chips, Black and Carrara white, 9-12 mm

TIP
MIX



Marble fragments, Black-white

With white calcite streaks through the black marble. For enlivening plots with natural stone grains, especially beautiful when combined with plants.

Characteristics: Fragment

Stone: Marble

150 – 300 mm	Mesh basket	1 kg	700	90 04179 49897 3	1550 kg/m ³	
300 – 500 mm	Wood frame	1 kg	700	90 04179 49997 0	1550 kg/m ³	



Slate gravel, Provence

Silky shimmering mulch material - for elegant gardens. Brilliant when used in water (stream, aquarium).

Characteristics: Flat grain, split

Stone: Slate

30 – 60 mm	PE sack	20 kg	48	90 04179 45785 7	1200 kg/m ³	40
30 – 60 mm	Big bag	1000 kg	1	90 04179 45789 5	1200 kg/m ³	40



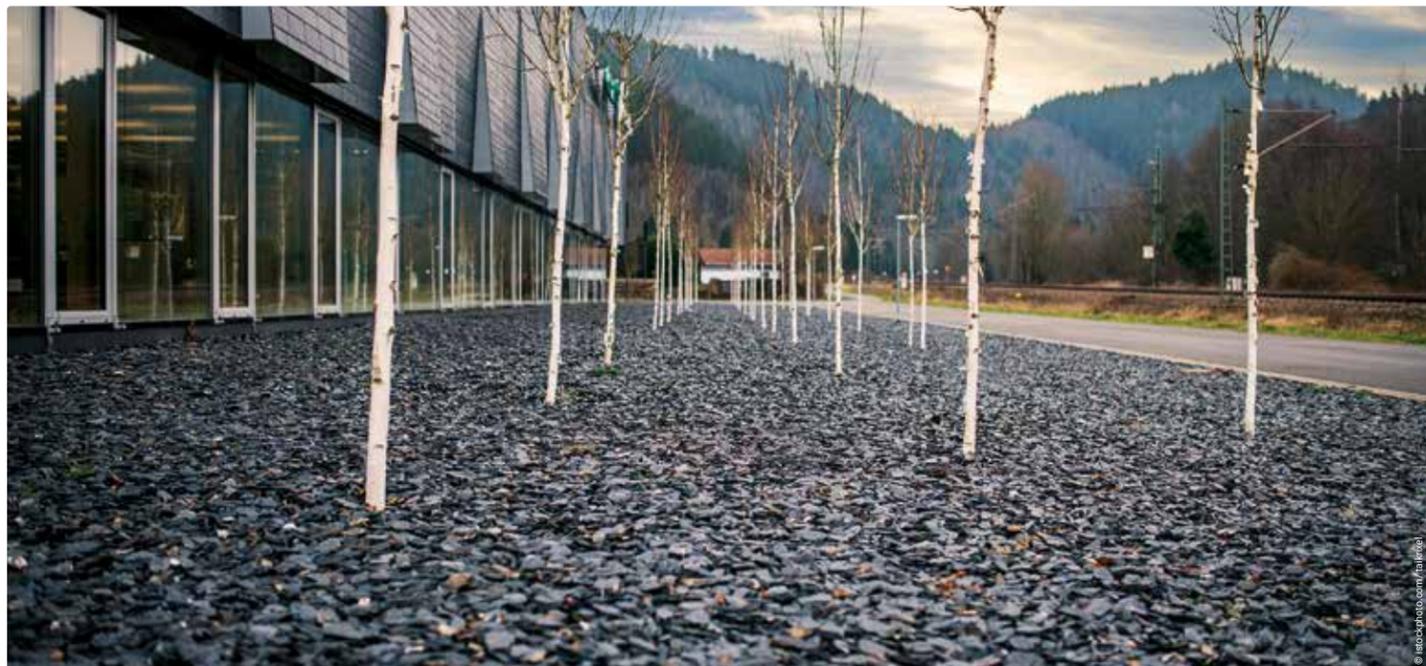
Slate gravel, pastel green

Silky shimmering mulch material - for elegant gardens. Brilliant when used in water (stream, aquarium).

Characteristics: Flat grain, split

Stone: Slate

30 – 60 mm	PE sack	20 kg	48	90 04179 47765 7	1200 kg/m ³	40
30 – 60 mm	Big bag	1000 kg	1	90 04179 47769 5	1200 kg/m ³	40



Slate gravel, Graphite black

Silky shimmering mulch material - for elegant gardens. Brilliant when used in water (stream, aquarium). White quartz streaks and rust brown iron oxide discolouration can occur individually.

Characteristics: Flat grain, split

Stone: Slate

Note: The material is delivered unwashed. Rain dissolves the dust particles and may contaminate adjacent surfaces (e.g., facades). Protection of these surfaces or cleaning of the slate pieces before use is recommended.

20 – 40 mm	PE sack	20 kg	48	90 04179 49685 6	1200 kg/m ³	30
20 – 40 mm	Big bag	1000 kg	1	90 04179 49689 4	1200 kg/m ³	30
30 – 70 mm	PE sack	20 kg	48	90 04179 49785 3	1200 kg/m ³	40
30 – 70 mm	Tandem-Bags*	1000 kg	1	90 04179 49788 4	1200 kg/m ³	40
30 – 70 mm	Big bag	1000 kg	1	90 04179 49789 1	1200 kg/m ³	40

Glass chips, Crystal clear

Coarsely crushed white glass - a stylistic element for modern architecture. A small proportion of discolouring is possible.

Characteristics: Crushed aggregate, washed

Stone: Glass

4 – 8 mm	PE sack	10 kg	60	90 04179 41464 5	1350 kg/m ³	25
4 – 8 mm	Big bag	1000 kg	1	90 04179 41469 0	1350 kg/m ³	25

Glass chips, Garden green

Coarsely crushed green glass - a stylistic element for modern architecture. A small proportion of discolouring is possible.

Characteristics: Crushed aggregate, washed

Stone: Glass

4 – 8 mm	PE sack	10 kg	60	90 04179 47434 2	1350 kg/m ³	25
4 – 8 mm	Big bag	1000 kg	1	90 04179 47439 7	1350 kg/m ³	25

Glass chips, Flash blue

Coarsely crushed blue glass - an absolute eye-catcher. A small proportion of discolouring is possible.

Characteristics: Crushed aggregate, washed

Stone: Glass

4 – 8 mm	PE sack	10 kg	60	90 04179 49454 8	1350 kg/m ³	25
4 – 8 mm	Big bag	1000 kg	1	90 04179 49459 3	1350 kg/m ³	25

Glass rocks, Tahiti turquoise

In lustrous lagoon-coloured glass. A spectacular eye-catcher.

Characteristics: Fragment, washed, lime-free

Stone: Glass

150 – 250 mm	Mesh basket	1 kg	700	90 04179 57757 9	1400 kg/m ³	
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DEKORKIESEL



Quartz pebbles, White-colourful

Washed quartz pebbles with high degree of round granularity and light colours. Contains a small amount of broken stones.

Characteristics: Round grain, washed

Stone: Quartz

Size/grain	Packaging	Unit	Units/pallet	EAN code	Bulk density	Rec. fill height in mm
8 – 16 mm	Big bag	1000 kg	1	90 04179 43359 2	1650 kg/m ³	35
16 – 32 mm	PE sack	25 kg	48	90 04179 43456 8	1650 kg/m ³	50
16 – 32 mm	Big bag	1000 kg	1	90 04179 43459 9	1650 kg/m ³	50



River pebbles, Grey-beige

Natural river pebble from the Isonzo river plain. Highly rounded gravel with subtly modern colours.

Characteristics: Round grain, washed twice

Stone: Limestone

Size/grain	Packaging	Unit	Units/pallet	EAN code	Bulk density	Rec. fill height in mm
8 – 16 mm	PE sack	25 kg	48	90 04179 53346 9	1550 kg/m ³	35
8 – 16 mm	Big bag	1000 kg	1	90 04179 53349 0	1550 kg/m ³	35
16 – 32 mm	PE sack	25 kg	48	90 04179 53546 3	1550 kg/m ³	50
16 – 32 mm	Big bag	1000 kg	1	90 04179 53549 4	1550 kg/m ³	50



River pebbles, Colourful

Twice-washed quartz pebbles with high degree of round granularity and pleasant colours. Contains a small amount of broken stones.

Characteristics: Round grain, washed twice

Stone: Quartz

Size/grain	Packaging	Unit	Units/pallet	EAN code	Bulk density	Rec. fill height in mm
*6 – 8 mm	PE sack	25 kg	48	90 04179 31746 5	1650 kg/m ³	25
*6 – 8 mm	Big bag	1000 kg	1	90 04179 31749 6	1650 kg/m ³	25
8 – 16 mm	PE sack	10 kg	60	90 04179 32144 8	1650 kg/m ³	35
8 – 16 mm	PE sack	25 kg	48	90 04179 32146 2	1650 kg/m ³	35
8 – 16 mm	Big bag	1000 kg	1	90 04179 32149 3	1650 kg/m ³	35
**16 – 32 mm	PE sack	10 kg	60	90 04179 32244 5	1650 kg/m ³	50
**16 – 32 mm	PE sack	25 kg	48	90 04179 32246 9	1650 kg/m ³	50
**16 – 32 mm	Tandem-Bags*	1000 kg	1	90 04179 32248 3	1650 kg/m ³	50
**16 – 32 mm	Big bag	1000 kg	1	90 04179 32249 0	1650 kg/m ³	50
32 – 50 mm	PE sack	25 kg	48	90 04179 32446 3	1600 kg/m ³	80
32 – 50 mm	Tandem-Bags*	1000 kg	1	90 04179 32448 7	1600 kg/m ³	80
32 – 50 mm	Big bag	1000 kg	1	90 04179 32449 4	1600 kg/m ³	80
50 – 150 mm	Big bag	1000 kg	1	90 04179 32649 8	1600 kg/m ³	150

* Can also be used as high quality fall protection gravel 6-8 mm: Complies with EN 1176-1 playground equipment and surfacing. Very good suppression and shock absorption due to high level of round granularity. Smooth grain surface and limited grain size range. Dust-free and high abrasion resistance (quartz). For long-lasting, clean, natural and visually appealing playground designs. Minimum layer thickness in accordance with EN 1176-1: <2 m critical drop height of at least 30 cm fall protection gravel, <3 m critical drop height of at least 40 cm fall protection gravel. You will find our 4-8 mm fall protection gravel in the "ENVIRONMENT & LEISURE" product range. This product also complies with EN 1176-1.

** For use as high-quality roof gravel 16-32 mm: Without grain and fine particles, washed clean, minimal breakage, lime-free. Pneumatic conveyance (transferring onto the roof) can destroy grains – not a reason for complaint!

Boulders, Colourful

Sorted by hand, various stone colours and shapes.

Characteristics: Round grain, washed twice

Stone: Quartz

Size/grain	Packaging	Unit	Units/pallet	EAN code	Bulk density	Rec. fill height in mm
500 – 1000 mm	Pallet	1 kg		90 04179 32947 5		

River pebbles, Strawberry & Vanilla

Unique natural gravel made of beige and pink grains.

Characteristics: Round grain, washed twice

Stone: Limestone

Size/grain	Packaging	Unit	Units/pallet	EAN code	Bulk density	Rec. fill height in mm
7 – 15 mm	PE sack	25 kg	48	90 04179 46356 8	1550 kg/m ³	30
7 – 15 mm	Big bag	1000 kg	1	90 04179 46359 9	1550 kg/m ³	30





Granite decorative pebbles, Salt & pepper

Round tumbled granite pebbles, high quality and hard.
Characteristics: Round grain
Stone: Granite

15 – 25 mm	PE sack	25 kg	24	90 04179 53506 7	1550 kg/m ³	45
15 – 25 mm	Big bag	1000 kg	1	90 04179 53509 8	1550 kg/m ³	45
25 – 50 mm	PE sack	25 kg	24	90 04179 53606 4	1550 kg/m ³	80
25 – 50 mm	Big bag	1000 kg	1	90 04179 53609 5	1550 kg/m ³	80



Angel stone, Green-white

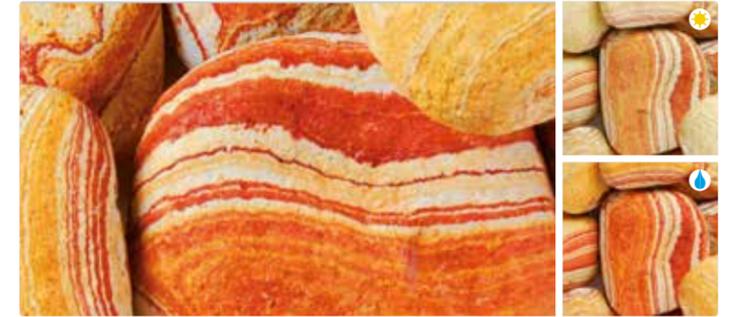
Round tumbled green decorative stones with white layers throughout.
Characteristics: Round grain
Stone: Marble

15 – 25 mm	PE sack	25 kg	24	90 04179 48526 3	1550 kg/m ³	45
15 – 25 mm	Big bag	1000 kg	1	90 04179 48529 4	1550 kg/m ³	45
100 – 300 mm	Mesh basket	1 kg	800	90 04179 48927 8	1650 kg/m ³	300

Rainbow stone, Red yellow

Round-tumbled decorative stone with arched markings.
 Not frost-resistant.
Characteristics: Round grain
Stone: Sandstone

100 – 300 mm	Mesh basket	1 kg	600	90 04179 46917 1	1400 kg/m ³	300
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Marble decorative pebbles, Carrara white

Round tumbled Carrara marble, white and high-grade. An extravagant eye-catcher in the house and garden.
Characteristics: Round grain
Stone: Marble

5 – 12 mm	PE sack	25 kg	48	90 04179 43106 2	1500 kg/m ³	30
5 – 12 mm	Big bag	1000 kg	1	90 04179 43109 3	1500 kg/m ³	30
12 – 16 mm	PE sack	10 kg	60	90 04179 43304 2	1500 kg/m ³	35
12 – 16 mm	PE sack	25 kg	48	90 04179 43306 6	1500 kg/m ³	35
12 – 16 mm	Big bag	1000 kg	1	90 04179 43309 7	1500 kg/m ³	35
16 – 25 mm	PE sack	10 kg	60	90 04179 43404 9	1500 kg/m ³	45
16 – 25 mm	PE sack	25 kg	48	90 04179 43406 3	1500 kg/m ³	45
16 – 25 mm	Big bag	1000 kg	1	90 04179 43409 4	1500 kg/m ³	45
25 – 40 mm	PE sack	25 kg	48	90 04179 43506 0	1500 kg/m ³	60
25 – 40 mm	Big bag	1000 kg	1	90 04179 43509 1	1500 kg/m ³	60
40 – 60 mm	PE sack	25 kg	48	90 04179 43606 7	1500 kg/m ³	90
40 – 60 mm	Big bag	1000 kg	1	90 04179 43609 8	1500 kg/m ³	90
60 – 100 mm	Big bag	1000 kg	1	90 04179 43709 5	1500 kg/m ³	150
100 – 300 mm	Mesh basket	1 kg	800	90 04179 43807 8	1650 kg/m ³	300



Marble decorative pebbles, Thassos white

Bright white marble from the island of Thassos. Stylish stones with a smoothly polished surface.
Characteristics: Round grain, washed
Stone: Marble

15 – 25 mm	PE sack	25 kg	48	90 04179 43466 7	1500 kg/m ³	45
15 – 25 mm	Big bag	1000 kg	1	90 04179 43469 8	1500 kg/m ³	45
25 – 50 mm	PE sack	25 kg	48	90 04179 43566 4	1500 kg/m ³	80
25 – 50 mm	Big bag	1000 kg	1	90 04179 43569 5	1500 kg/m ³	80
50 – 80 mm	PE sack	25 kg	48	90 04179 43666 1	1500 kg/m ³	120
50 – 80 mm	Big bag	1000 kg	1	90 04179 43669 2	1500 kg/m ³	120





Glacial pebbles, Chateau beige

Gravel with rounded edges from glacial till with a pleasant, beige colour.
 • Low in phosphorus - less algae and biofilm growth by limiting nutrients
 • Constant replacement of limestone for regulating the PH
Characteristics: Round grain, washed
Stone: Limestone

16 – 25 mm	Big bag	1000 kg	1	90 04179 43419 3	1600 kg/m ³	45
22 – 32 mm	Big bag	1000 kg	1	90 04179 43519 0	1600 kg/m ³	60
40 – 60 mm	Big bag	1000 kg	1	90 04179 43619 7	1600 kg/m ³	90



Travertine pebbles, Cream caramel

Pebbles with a lot of structure and Mediterranean flair.
Characteristics: Round grain, washed
Stone: Travertine

15 – 25 mm	PE sack	10 kg	60	90 04179 43424 7	1500 kg/m ³	45
15 – 25 mm	Big bag	1000 kg	1	90 04179 43429 2	1500 kg/m ³	45



Marble decorative pebbles, Verona red

Round tumbled, Italian Verona marble.
Characteristics: Round grain, washed
Stone: Marble

7 – 15 mm	PE sack	25 kg	24	90 04179 46306 3	1500 kg/m ³	30
7 – 15 mm	Big bag	1000 kg	1	90 04179 46309 4	1500 kg/m ³	30
15 – 25 mm	PE sack	25 kg	24	90 04179 46506 7	1500 kg/m ³	45
15 – 25 mm	Big bag	1000 kg	1	90 04179 46509 8	1500 kg/m ³	45
25 – 40 mm	Big bag	1000 kg	1	90 04179 46609 5	1500 kg/m ³	60
40 – 60 mm	PE sack	25 kg	24	90 04179 46706 1	1500 kg/m ³	90
40 – 60 mm	Big bag	1000 kg	1	90 04179 46709 2	1500 kg/m ³	90



Marble decorative pebbles, Yellow-beige

Rounded Italian marble.
Characteristics: Round grain, washed
Stone: Marble

7 – 15 mm	PE sack	25 kg	24	90 04179 52336 1	1500 kg/m ³	30
7 – 15 mm	Big bag	1000 kg	1	90 04179 52339 2	1500 kg/m ³	30
40 – 60 mm	PE sack	25 kg	24	90 04179 52736 9	1500 kg/m ³	90
40 – 60 mm	Big bag	1000 kg	1	90 04179 52739 3	1500 kg/m ³	90



Marble decorative pebbles, Siena yellow

Round tumbled, Italian Siena marble.
Characteristics: Round grain, washed
Stone: Marble

15 – 25 mm	PE sack	25 kg	24	90 04179 52406 1	1500 kg/m ³	45
15 – 25 mm	Big bag	1000 kg	1	90 04179 52409 2	1500 kg/m ³	45



Marble decorative pebbles, Alpine green

Round tumbled, Italian Alpine marble.
Characteristics: Round grain, washed
Stone: Marble

7 – 15 mm	PE sack	25 kg	24	90 04179 48306 1	1500 kg/m ³	30
7 – 15 mm	Big bag	1000 kg	1	90 04179 48309 2	1500 kg/m ³	30

Marble decorative pebbles, Ebony black

Round tumbled Italian ebony marble.
Characteristics: Round grain, washed
Stone: Marble

7 – 15 mm	PE sack	25 kg	24	90 04179 50306 6	1500 kg/m ³	30
7 – 15 mm	Big bag	1000 kg	1	90 04179 50309 7	1500 kg/m ³	30
15 – 25 mm	PE sack	25 kg	24	90 04179 50506 0	1500 kg/m ³	45
15 – 25 mm	Big bag	1000 kg	1	90 04179 50509 1	1500 kg/m ³	45
25 – 40 mm	PE sack	25 kg	24	90 04179 50606 7	1500 kg/m ³	60
25 – 40 mm	Big bag	1000 kg	1	90 04179 50609 8	1500 kg/m ³	60
40 – 60 mm	PE sack	25 kg	24	90 04179 50706 4	1500 kg/m ³	90
40 – 60 mm	Big bag	1000 kg	1	90 04179 50709 5	1500 kg/m ³	90



MONOLITHS

Standing stones for representative garden design. An eye catcher in perennial beds and areas designed with natural stones.

Monoliths must be set up securely on a solid base (gravel, concrete). The base of the monolith can be pressed into a damp concrete foundation (recommended from H 60 cm).



Mini monoliths, colour mix



Characteristics: Natural stone, rough, cut base
Stone: Marble, onyx, granite, travertine
Packaging: Wood frame

Size	Unit	Units/pallet	EAN code
H 25 – 40 cm	1 Pc. (15-20 kg)	50	90 04179 88100 3
H 40 – 60 cm	1 Pc. (25-35 kg)	30	90 04179 88200 0

Marble monolith, White with veins

Characteristics: Natural stone, rough, cut base
Stone: Marble
Packaging: Pallet
Note: May contain brown areas and veins.



Size	Unit	Units/pallet	EAN code
H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88301 4

Marble monolith, White with veins

Characteristics: Natural stone, polished, cut base
Stone: Marble
Packaging: Pallet
Note: May contain brown areas and veins.



Size	Unit	Units/pallet	EAN code
H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88302 1

Marble monolith, Lilac

Characteristics: Natural stone, rough, cut base
Stone: Marble
Packaging: Pallet
Note: May contain brown areas and veins.



Size	Unit	Units/pallet	EAN code
H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88303 8

Size	Unit	Units/pallet	EAN code	Size	Unit	Units/pallet	EAN code
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Marble monolith, Lilac

Characteristics: Natural stone, polished, cut base
Stone: Marble
Packaging: Pallet
Note: May contain brown areas and veins.



Size	Unit	Units/pallet	EAN code
H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88304 5

Kristall monolith, Sunrise

Characteristics: Natural stone, polished, cut base
Stone: Onyx
Packaging: Pallet



Size	Unit	Units/pallet	EAN code
H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88308 3

Marble monolith, Royal red

Characteristics: Natural stone, rough, cut base
Stone: Marble
Packaging: Pallet



Size	Unit	Units/pallet	EAN code
H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88305 2

Angel Stone monolith, Green white

Characteristics: Natural stone, rough, cut base
Stone: Marble
Packaging: Pallet



Size	Unit	Units/pallet	EAN code
H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88309 0

Travertin monolith, Fire red

Characteristics: Natural stone, rough, cut base
Stone: Travertine
Packaging: Pallet



Size	Unit	Units/pallet	EAN code
H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88306 9

Gneiss stele, Poplar silver

Characteristics: Natural stone, rough, with concrete base
Stone: Gneiss
Packaging: Pallet



Size	Unit	Units/pallet	EAN code
H 90 – 120 cm	1 Pc. (approx. 50 kg)	1	90 04179 88411 0

Kristall monolith, Sunrise

Characteristics: Natural stone, rough, cut base
Stone: Onyx
Packaging: Pallet



Size	Unit	Units/pallet	EAN code
H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88307 6

Marble monolith, Black grey

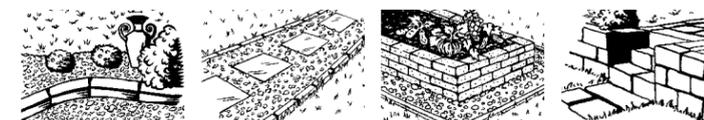
Characteristics: Natural stone, rough, cut base
Stone: Marble
Packaging: Pallet



Size	Unit	Units/pallet	EAN code
H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88310 6



i The declarations of performance for our construction products which are in line with the EU construction product regulation (BauPVo, EU regulation 305/2011) can be found on our website www.scherf.at under „Products“.



GARDEN BLOCKS

TUFF STONES | PAVING SLABS | PALISADES

TUFF STONES



Tuff is a volcanic stone, consisting of sand, lava, pumice and ash. It is quite porous and has a warm appearance. The Romans used tuff for the construction of villas, baths and spas. In the middle ages it was used to build castles and cities. Today it is used in garden design.

- Garden walls with and without mortar
- Carport walls
- Stairs
- Edgings
- Wine cellars
- Raised beds
- Walkways
- Enclosures
- Mowing edge

Attractive

Tuff is perfect for a thriving natural garden. Its grace provides a gentle, mystic atmosphere. In modern gardens it imparts warmth and harmony. After some time, moss starts to grow on the moist areas of the stone. Small ferns take root, various plants flourish in the cracks. The tuff begins to blend into its surroundings.

Damp stones are darker than dry ones – a magnificent play of colours. Rain and frost remove the sand from the pores of the surface. The porous stone bestows the charm of antiquity. Tuff is best combined with terracotta, walkway pebbles, wrought iron and natural stones.

Handling

Tuff is very easy to work with. You only need a good cutting instrument. Simply form it to the desired size using a mason's hammer or a saw. You have to assume about 5 % broken stones. These stones can be used as start or end stones.

Dry stone wall

Constructing a foundation from 30 cm compacted SCHERF broken gravel, 0 - 32 mm. On one of the following fine levels of SCHERF road chips, lay down the first row. Then lay the stones on top of each other without binder. Due to the rough surfaces, the stones become wedged together and cannot slip. When building a retaining wall, please note the following: The support function requires an inclination of the wall of 5 - 10%. Take this into consideration when applying the fine level. Behind the first stone row, lay a drainage pipe with a 5 cm diameter and place a fleece on the slope. In order to avoid white efflorescence on the stone surfaces, it is advisable to place a notched protection board directly behind the stone wall. Efflorescence occurs due to the entry of salts which could be contained in the ground material behind the wall. Backfill the wall during construction with a water-permeable SCHERF round gravel with a grain size of 16 - 32 mm (approx. 15 cm wide). Backfill the first 15 cm with soil and lay a mat between the gravel and soil.

Mortar wall

Constructing a concrete foundation. Build the wall with a mortar made of trass cement and sand (SCHERF wall and plaster sand 0 - 5 mm or SCHERF screed sand 0.06 - 4 mm). Ensure that the mortar gap is a uniform one centimetre. Tuff stone can also be walled up with a thin bed of natural stone adhesive. In doing this, the stones must be cleaned well from the dust which attaches to them. Through this, the effect of a drywall is reached. Ideal construction method for raised beds.

Size
length x width x height

Unit

Units/pallet

EAN code

Piece / m²

Tuff block

Tuff block in brick format. As bevelled edge for lawn mowing and for construction of arches, wine cellars, etc.

Characteristics: Natural brick, sawed, diamond-grinded



approx.25 x 11 x 5,5 cm	1 pc. (2,5 kg)	500	90 04179 58010 4	72
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Tuff block

Kerbstone for enclosing lawn areas, flowerbeds, etc. For constructing raised flowerbeds.

Characteristics: Natural brick, sawed



approx.37 x 11 x 11 cm	1 pc. (7 kg)	162	90 04179 58030 2	
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Tuff block

For construction of dry stone walls up to 1 m in height (retaining walls, various levels in a garden) and for non-load bearing mortar walls.

Characteristics: Natural brick, sawed



approx.37 x 20 x 11 cm	1 pc. (12 kg)	94	90 04179 58060 9	25
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Tuff block

For construction of stable and load bearing mortar walls (enclosure walls, fencing, carports, etc.) and for dry stone walls (retaining walls).

Characteristics: Natural brick, sawed



approx.37 x 27 x 11 cm	1 pc. (17 kg)	63	90 04179 58100 2	25
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Tuff plate

As a paving tile for paths and plaza (cannot be driven on by vehicles).

Characteristics: Natural brick, sawed



approx.37 x 37 x 11 cm	1 pc. (23 kg)	48	90 04179 58170 5	8
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Tuff step

Steps for bridging two levels in the garden or as rustic cellar stairs.

Characteristics: Natural brick, sawed



approx.80 x 37 x 16 cm	1 pc. (71 kg)	21	90 04179 58250 4	
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Tuff block, Graphite

For construction of dry stone walls up to 1 m in height (retaining walls, various levels in a garden) and for non-load bearing mortar walls.

Characteristics: Natural brick, sawed



approx. 37 x 20 x 11 cm	1 pc. (12 kg)	94	90 04179 58061 6	25
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STEPPING SLABS



Stepping slabs for garden paths. For laying in the lawn or in the chipping or gravel plots.

Laying

The average step length is the distance from the centre of the slab to the centre of the next slab. Use a spade to dig out the soil over at least the area of the stepping slabs. The excavation depth is the slab thickness plus approx. 10 - 15 cm. Lay a compacted base layer of SCHERF broken gravel 0 - 32 mm and approx. 3 - 4 cm bedding of SCHERF paving chippings 2 - 4 mm. Pave the stepping slabs using a rubber hammer and a spirit level into the bedding at the desired slope. If the substrate is sufficiently dense, the stepping slabs can also be laid without a base layer.

Marble stepping slab, Cloud white

White marble stepping slab with grey clouds and patina.

Characteristics: Natural stone, serrated, rounded

Stone: Marble

Packaging: Wood frame

Size	Unit	Units/pallet	EAN code
L 40 x W 40 x H 4,5 cm	1 pc. (approx. 19,2 kg)	44	90 04179 87000 7



Quartzite stepping slab, grey-green

Highly robust, easy-care quartzite stepping slab with slip-resistant surface and silvery sheen.

Characteristics: Natural stone, split, hand-edged

Stone: Quartzite

Packaging: Wood frame

L 34 x W 34 x H 2,5-4 cm	1 pc. (approx. 7,8 kg)	85	90 04179 87010 6
L 34 x W 45 x H 2,5-4 cm	1 pc. (approx. 11,9 kg)	65	90 04179 87011 3



Quartzite stepping slab, grey-green

Highly robust, easy-care quartzite stepping slab with slip-resistant surface and silvery sheen.

Characteristics: Natural stone, split, rounded

Stone: Quartzite

Packaging: Wood frame

L 30-45 x W 20-30 x H 2-4 cm	1 pc. (approx. 7 kg)	70	90 04179 87012 0
L 40-60 x W 25-40 x H 2-4 cm	1 pc. (approx. 9,5 kg)	40	90 04179 87013 7



Quartzite stepping slab, grey-green

Highly robust, easy-care quartzite stepping slab with slip-resistant surface and silvery sheen.

Characteristics: Natural stone, split, hand-edged

Stone: Quartzite

Packaging: Wood frame

L 35-60 x W 25-45 x H 2-4 cm	1 pc. (approx. 9,5 kg)	70	90 04179 87014 4
L 50-75 x W 30-55 x H 3-5 cm	1 pc. (approx. 18 kg)	40	90 04179 87015 1



Slate stepping slab, Oxide black

Rectangular slate stepping slab with rustic surface structure and rusty patina.

Characteristics: Natural stone, split, edges serrated on the face side.

Stone: Slate

Packaging: Pallet

L 100 x W 30 x H 3-6 cm	1 pc. (approx. 40,5 kg)	30	90 04179 87030 4
L 100 x W 50 x H 3-6 cm	1 pc. (approx. 57 kg)	20	90 04179 87031 1



Slate stepping slab, Graphite black

Slate stepping slab with velvety shiny surface structure.

Characteristics: Natural stone, serrated, split

Stone: Slate

Packaging: Wood frame

L 60 x W 40 x H 3 cm	1 pc. (approx. 20 kg)	77	90 04179 87050 2
L 100 x W 30 x H 3 cm	1 pc. (approx. 24,5 kg)	40	90 04179 87051 9
L 100 x W 50 x H 3 cm	1 pc. (approx. 42,5 kg)	30	90 04179 87052 6



Slate stepping slab, Graphite black

Slate stepping slab with velvety shiny surface structure.

Characteristics: Natural stone, split, hand-edged, round

Stone: Slate

Packaging: Wood frame

Ø 40 cm x H 2 cm	1 pc. (approx. 5,4 kg)	160	90 04179 87054 0
Ø 50 cm x H 2 cm	1 pc. (approx. 11,4 kg)	130	90 04179 87055 7



Slate stepping slab, Ochre oxide

Black slate stepping stone with an oxidized surface in various ochre shades.

Characteristics: Natural stone, split, rounded, hand-edged

Packaging: Wood frame

Ø 20-40 cm x H 2 cm	1 pc. (approx. 4 kg)	200	90 04179 87057 1
Ø 30-50 cm x H 2 cm	1 pc. (approx. 6 kg)	125	90 04179 87056 4



Slate stepping slab, Ochre oxide

Black slate stepping stone with an oxidized surface in various ochre shades.

Characteristics: Natural stone, split, rounded, hand-edged

Packaging: Wood frame

Ø 30-40 cm x H 3 cm	1 pc. (approx. 12 kg)	100	90 04179 87047 2
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PALISADES



Slate palisade Graphite black

Slate Palisade with a velvety glossy surface.
Characteristics: Natural stone, split, both ends sawn
Stone: Slate
Packaging: Pallet



Size	Unit	Units/ pallet	EAN code
L 100 x W 10 x H 3 cm	1 pc. (approx. 9 kg)	120	90 04179 87521 7



Slate palisade Oxide black

Slate Palisade with a rustic surface texture and partially rusting patina.
Characteristics: Natural stone, split, both ends sawn
Stone: Slate
Packaging: Pallet



Size	Unit	Units/ pallet	EAN code
L 100 x W 6-12 x H 5-10 cm	1 pc. (approx. 16 kg)	100	90 04179 87511 8
L 200 x W 6-12 x H 5-10 cm	1 pc. (approx. 32 kg)	50	90 04179 87513 2

Slate palisade Oxide black

Slate Palisade with a rustic surface texture and partially rusting patina.
Characteristics: Natural stone, split, a sawn end.
Stone: Slate
Packaging: Pallet



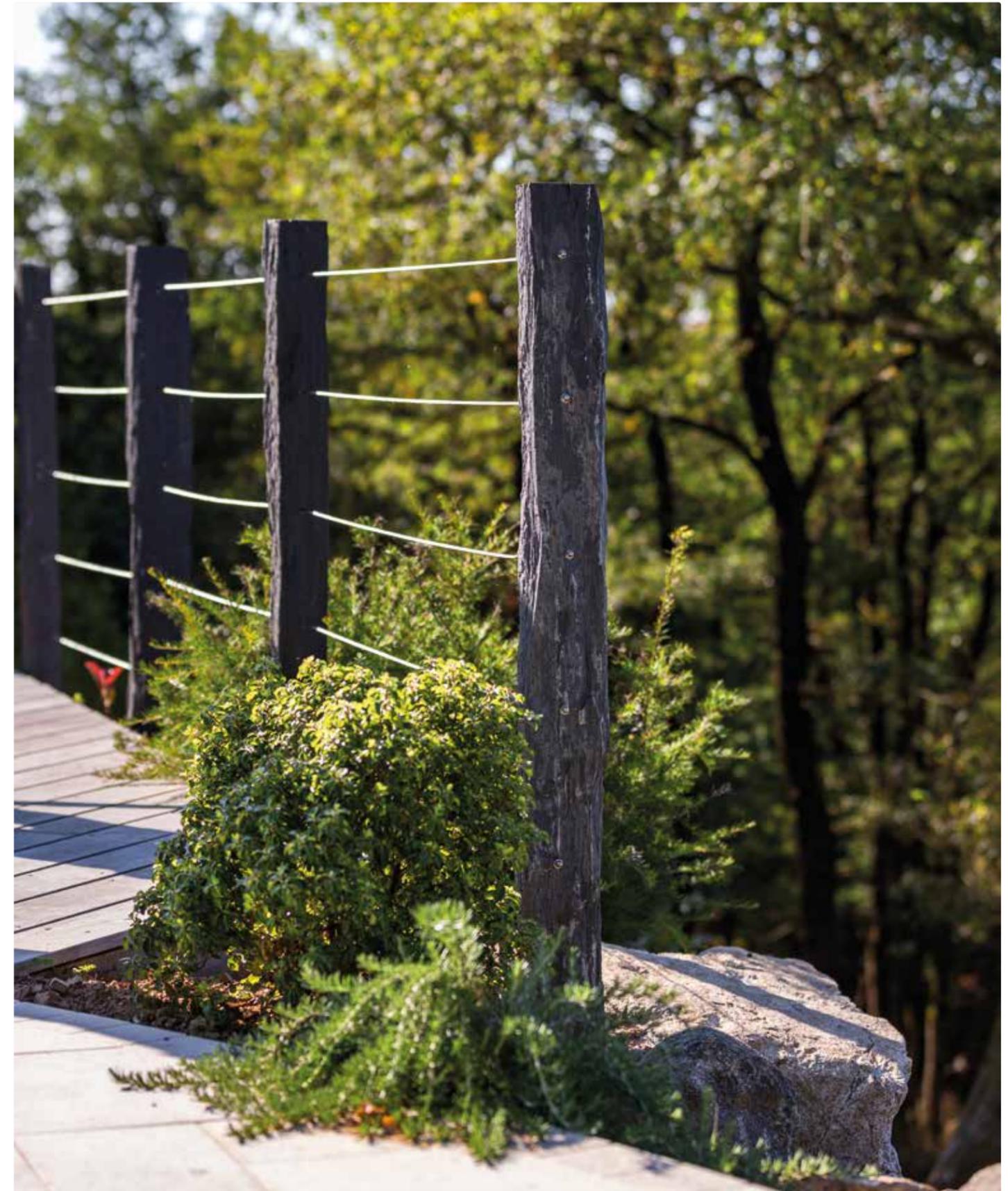
Size	Unit	Units/ pallet	EAN code
L 200 x W 6-12 x H 5-10 cm	1 pc. (approx. 34 kg)	50	90 04179 87516 3

Palisades

Palisades as a decorative element in the garden, for dividing areas and as a vertical boundary and privacy screen. Also suitable as an edging for lawns and flower beds.

Layer

The palisades should be embedded about 1/3 of their length into the ground and placed in a frost-resistant, adequately dimensioned concrete foundation (concrete base). For use as an edging, the palisade can be directly laid into the soil. To reduce lifting and sinking, it is recommended to excavate at least 10 cm of soil and lay the edging in a compacted bed of SCHERF crushed gravel 0-32 mm and SCHERF road chips.





Very long lifespan



Non-flake coating



Strong wire



„State of the art“

Uses

In gardens and landscaping, roadworks and hydraulic engineering. In modern architecture.

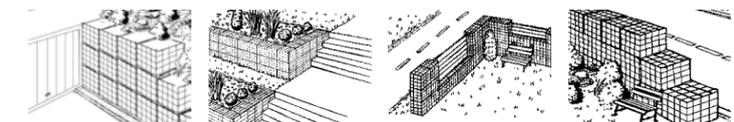
- Free-standing walls
Visual privacy, noise abatement, protection from wind and dust, wall coverings, land enclosures, fencing of parks and playgrounds, entrance and transit barriers, structures (e.g.: carports).
- Retaining walls
Slope and embankment fortification, garden walls, landslide rehabilitation, pavement fortification, pond construction, bank fortification, dam reinforcement.
- Other uses
Solitary gabions in the garden, benches, columns, flower planters, booth design, wayside fortification, garbage islands.

Characteristics/description

Electrically spot-welded steel wire mesh mats, zinc-aluminium alloy (coating thickness 350 g/m²), effective corrosion protection (confirmed in 3000-hour salt-spray test according to DIN EN ISO 9227 NSS), the remote action of the coating also protects untreated welds and joints; excellent adhesion of the alloy (no flaking), decades of durability, dimensional stability under load, high quality, attractive appearance, ecological design, water-permeable, habitat for plants and animals, can be planted with climbing plants, numerous design options, cost-effective foundation, sound-absorbing, no incentive for graffiti.



Our natural products are subject to variation in colour, texture and size. Due to the nature of the printing process, the images may not correspond to the actual stone colour. (See sample service on page 107). Discolouration is possible to a small extent. The information about stone sizes relates to the sieve mesh size. Larger side lengths with longer stones and a small proportion of smaller stones cannot be avoided due to the nature of the sieves. Many types of products are delivered „washed“. A little bit of abrasive dust is produced as a result of manipulating the material when packaging it. This does not constitute grounds for a complaint.

Size X-Y mm
Narrow
Stone sidemax. 20%
min. 60%
max. 20%
smaller X
X-Y mm
bigger Ywashed
quality
max. 1% dust

	Prefabricated gabions	DIY gabions	Fence gabions
Mesh width	5 x 10 cm	✓	✓
	10 x 10 cm	✓	
	5 x 15 cm	✓	
Wall depth	20 cm		✓
	30 cm	✓	
	50 cm	✓	
	100 cm	✓	
Self-construction		✓	✓
Finished part	✓		

GABIONS

STONE BASKETS

PREFABRICATED GABIONS

Filled and compressed at the factory

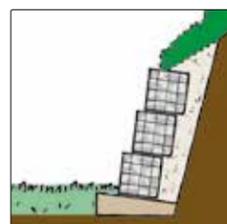


- Prefabricated elements, filled and highly compressed in the factory
- Delivery to the site ready for installation
- Fast installation (short construction time)
- Minimal manual and machine work necessity
- Dimensionally accurate baskets
- No settling of the fill material
- No space required for bulk stones and empty gabions at the site
- Installation independent of weather or season
- Reusable: also suitable for temporary projects
- No „bulging“
- 5 cm spacing of the vertical wires
- Wire thickness 5 and 6 mm
- Wire tensile strength 600 N/mm² (6 mm wire thickness)

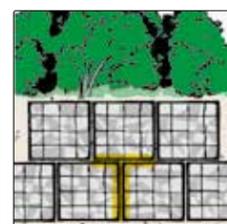
Wall construction

With the lifting straps welded to the basket and our tested transportation gear, rapid, secure and cost-effective relocation of the baskets is guaranteed. The transportation gear can be loaned out (deposit required).

The wall construction can be performed using various lifting devices (crane, excavator, wheel loader). After placement, the lifting straps are bent inward or cut off with a bolt cutter. For a 50 cm wall depth, the lifting straps must be cut off (except for the top row).



A tiered and/or inclined design is necessary for retaining walls.



Construction with T-shaped gaps provide more stability than a cross-shaped arrangement.

FILLING

The top layer of a gabion is typically filled with smaller stones, leaving little empty space, so that the weight of the stacked gabions causes them to be securely joined to one another. Please note that these smaller stones can be taken out of the gabion.



Marble rock gabion, Cloud white

Characteristics: Wall stone basket, crushed, washed. Stone: Marble



Marble rock gabion, Chateau beige

Characteristics: Wall stone basket, crushed, washed. Stone: Dolomite



Marble rock gabion, Gold ochre

Characteristics: Wall stone basket, crushed, washed. Stone: Marble



Green slate rock gabion, Glitter green

Characteristics: Wall stone basket, crushed, washed. Stone: Green slate



Marble rock gabion, Danube blue

Characteristics: Wall stone basket, crushed, washed. Stone: Marble



Marble rock gabion, Grey white

Characteristics: Wall stone basket, crushed, washed. Stone: Chalkstone



Granite rock gabion, Salt & pepper

Characteristics: Wall stone basket, crushed, washed. Stone: Granite



Basalt rock gabion, Black

Characteristics: Wall stone basket, crushed, washed. Stone: Basalt



River pebbles gabion, Colourful

Characteristics: Wall stone basket, round, double-washed. Stone: Quartz

PREFABRICATED GABION SIZES

L 50 x D 50 x H 50 cm

Packaging: Pallet



Colour	Unit	EAN code	D 50
Cloud white	1 pc. (approx. 190 kg)	90 04179 54000 9	D 50
Chateau beige	1 pc. (approx. 190 kg)	90 04179 54001 6	
Gold ochre	1 pc. (approx. 190 kg)	90 04179 54090 0	
Glitter green	1 pc. (approx. 190 kg)	90 04179 54060 3	
Danube blue	1 pc. (approx. 190 kg)	90 04179 54002 3	
Grey white	1 pc. (approx. 190 kg)	90 04179 54008 5	
Salt & pepper	1 pc. (approx. 190 kg)	90 04179 54004 7	
Black	1 pc. (approx. 190 kg)	90 04179 54070 2	
Colourful	1 pc. (approx. 200 kg)	90 04179 54080 1	

L 200 x D 50 x H 50 cm

Packaging: Pallet



Colour	Unit	EAN code	D 50
Cloud white	1 pc. (approx. 780 kg)	90 04179 54200 3	D 50
Chateau beige	1 pc. (approx. 780 kg)	90 04179 54201 0	
Gold ochre	1 pc. (approx. 780 kg)	90 04179 54290 4	
Glitter green	1 pc. (approx. 780 kg)	90 04179 54260 7	
Danube blue	1 pc. (approx. 780 kg)	90 04179 54202 7	
Grey white	1 pc. (approx. 780 kg)	90 04179 54208 9	
Salt & pepper	1 pc. (approx. 780 kg)	90 04179 54204 1	
Black	1 pc. (approx. 780 kg)	90 04179 54270 6	
Colourful	1 pc. (approx. 810 kg)	90 04179 54280 5	

L 100 x D 50 x H 50 cm

Packaging: Pallet



Colour	Unit	EAN code	D 50
Cloud white	1 pc. (approx. 390 kg)	90 04179 54100 6	D 50
Chateau beige	1 pc. (approx. 390 kg)	90 04179 54101 3	
Gold ochre	1 pc. (approx. 390 kg)	90 04179 54190 7	
Glitter green	1 pc. (approx. 390 kg)	90 04179 54160 0	
Danube blue	1 pc. (approx. 390 kg)	90 04179 54102 0	
Grey white	1 pc. (approx. 390 kg)	90 04179 54108 2	
Salt & pepper	1 pc. (approx. 390 kg)	90 04179 54104 4	
Black	1 pc. (approx. 390 kg)	90 04179 54170 9	
Colourful	1 pc. (approx. 400 kg)	90 04179 54180 8	

L 100 x D 50 x H 100 cm

Packaging: Pallet



Colour	Unit	EAN code	D 50
Cloud white	1 pc. (approx. 780 kg)	90 04179 54300 0	D 50
Chateau beige	1 pc. (approx. 780 kg)	90 04179 54301 7	
Gold ochre	1 pc. (approx. 780 kg)	90 04179 54390 1	
Glitter green	1 pc. (approx. 780 kg)	90 04179 54360 4	
Danube blue	1 pc. (approx. 780 kg)	90 04179 54302 4	
Grey white	1 pc. (approx. 780 kg)	90 04179 54308 6	
Salt & pepper	1 pc. (approx. 780 kg)	90 04179 54304 8	
Black	1 pc. (approx. 780 kg)	90 04179 54370 3	
Colourful	1 pc. (approx. 810 kg)	90 04179 54380 2	

L 150 x D 50 x H 50 cm

Packaging: Pallet



Colour	Unit	EAN code	D 50
Cloud white	1 pc. (approx. 580 kg)	90 04179 55100 5	D 50
Chateau beige	1 pc. (approx. 580 kg)	90 04179 55101 2	
Gold ochre	1 pc. (approx. 580 kg)	90 04179 55190 6	
Glitter green	1 pc. (approx. 580 kg)	90 04179 55160 9	
Danube blue	1 pc. (approx. 580 kg)	90 04179 55102 9	
Grey white	1 pc. (approx. 580 kg)	90 04179 55108 1	
Salt & pepper	1 pc. (approx. 580 kg)	90 04179 55104 3	
Black	1 pc. (approx. 580 kg)	90 04179 55170 8	
Colourful	1 pc. (approx. 600 kg)	90 04179 55180 7	

L 150 x D 50 x H 100 cm

Packaging: Pallet



Colour	Unit	EAN code	D 50
Cloud white	1 pc. (approx. 1170 kg)	90 04179 54400 7	D 50
Chateau beige	1 pc. (approx. 1170 kg)	90 04179 54401 4	
Gold ochre	1 pc. (approx. 1170 kg)	90 04179 54490 8	
Glitter green	1 pc. (approx. 1170 kg)	90 04179 54460 1	
Danube blue	1 pc. (approx. 1170 kg)	90 04179 54402 1	
Grey white	1 pc. (approx. 1170 kg)	90 04179 54408 3	
Salt & pepper	1 pc. (approx. 1170 kg)	90 04179 54404 5	
Black	1 pc. (approx. 1170 kg)	90 04179 54470 0	
Colourful	1 pc. (approx. 1220 kg)	90 04179 54480 9	

L 200 x D 50 x H 100 cm

Packaging: Pallet



Colour	Unit	EAN code	D 50
Cloud white	1 pc. (approx. 1600 kg)	90 04179 54500 4	D 50
Chateau beige	1 pc. (approx. 1600 kg)	90 04179 54501 1	
Gold ochre	1 pc. (approx. 1600 kg)	90 04179 54590 5	
Glitter green	1 pc. (approx. 1600 kg)	90 04179 54560 8	
Danube blue	1 pc. (approx. 1600 kg)	90 04179 54502 8	
Grey white	1 pc. (approx. 1600 kg)	90 04179 54508 0	
Salt & pepper	1 pc. (approx. 1600 kg)	90 04179 54504 2	
Black	1 pc. (approx. 1600 kg)	90 04179 54570 7	
Colourful	1 pc. (approx. 1660 kg)	90 04179 54580 6	

L 100 x D 100 x H 100 cm

Packaging: Pallet



Colour	Unit	EAN code	D 100
Cloud white	1 pc. (approx. 1600 kg)	90 04179 54800 5	D 100
Chateau beige	1 pc. (approx. 1600 kg)	90 04179 54801 2	
Gold ochre	1 pc. (approx. 1600 kg)	90 04179 54890 6	
Glitter green	1 pc. (approx. 1600 kg)	90 04179 54860 9	
Danube blue	1 pc. (approx. 1600 kg)	90 04179 54802 9	
Grey white	1 pc. (approx. 1600 kg)	90 04179 54808 1	
Salt & pepper	1 pc. (approx. 1600 kg)	90 04179 54804 3	
Black	1 pc. (approx. 1600 kg)	90 04179 54870 8	
Colourful	1 pc. (approx. 1660 kg)	90 04179 54880 7	

L 100 x D 100 x H 50 cm

Packaging: Pallet



Colour	Unit	EAN code	D 100
Cloud white	1 pc. (approx. 780 kg)	90 04179 54600 1	D 100
Chateau beige	1 pc. (approx. 780 kg)	90 04179 54601 8	
Gold ochre	1 pc. (approx. 780 kg)	90 04179 54690 2	
Glitter green	1 pc. (approx. 780 kg)	90 04179 54660 5	
Danube blue	1 pc. (approx. 780 kg)	90 04179 54602 5	
Grey white	1 pc. (approx. 780 kg)	90 04179 54608 7	
Salt & pepper	1 pc. (approx. 780 kg)	90 04179 54604 9	
Black	1 pc. (approx. 780 kg)	90 04179 54670 4	
Colourful	1 pc. (approx. 810 kg)	90 04179 54680 3	

L 150 x D 100 x H 100 cm

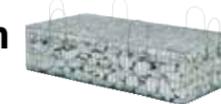
Packaging: Pallet



Colour	Unit	EAN code	D 100
Cloud white	1 pc. (approx. 2400 kg)	90 04179 54900 2	D 100
Chateau beige	1 pc. (approx. 2400 kg)	90 04179 54901 9	
Gold ochre	1 pc. (approx. 2400 kg)	90 04179 54990 3	
Glitter green	1 pc. (approx. 2400 kg)	90 04179 54960 6	
Danube blue	1 pc. (approx. 2400 kg)	90 04179 54902 6	
Grey white	1 pc. (approx. 2400 kg)	90 04179 54908 8	
Salt & pepper	1 pc. (approx. 2400 kg)	90 04179 54904 0	
Black	1 pc. (approx. 2400 kg)	90 04179 54970 5	
Colourful	1 pc. (approx. 2490 kg)	90 04179 54980 4	

L 200 x D 100 x H 50 cm

Packaging: Pallet



Colour	Unit	EAN code	D 100
Cloud white	1 pc. (approx. 1600 kg)	90 04179 54700 8	D 100
Chateau beige	1 pc. (approx. 1600 kg)	90 04179 54701 5	
Gold ochre	1 pc. (approx. 1600 kg)	90 04179 54790 9	
Glitter green	1 pc. (approx. 1600 kg)	90 04179 54760 2	
Danube blue	1 pc. (approx. 1600 kg)	90 04179 54702 2	
Grey white	1 pc. (approx. 1600 kg)	90 04179 54708 4	
Salt & pepper	1 pc. (approx. 1600 kg)	90 04179 54704 6	
Black	1 pc. (approx. 1600 kg)	90 04179 54770 1	
Colourful	1 pc. (approx. 1660 kg)	90 04179 54780 0	

L 200 x D 100 x H 100 cm

Packaging: Pallet

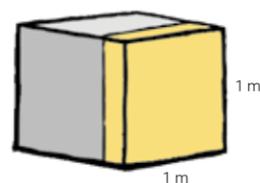


Colour	Unit	EAN code	D 100
Cloud white	1 pc. (approx. 3200 kg)	90 04179 55000 8	D 100
Chateau beige	1 pc. (approx. 3200 kg)	90 04179 55001 5	
Gold ochre	1 pc. (approx. 3200 kg)	90 04179 55090 9	
Glitter green	1 pc. (approx. 3200 kg)	90 04179 55060 2	
Danube blue	1 pc. (approx. 3200 kg)	90 04179 55002 2	
Grey white	1 pc. (approx. 3200 kg)	90 04179 55008 4	
Salt & pepper	1 pc. (approx. 3200 kg)	90 04179 55004 6	
Black	1 pc. (approx. 3200 kg)	90 04179 55070 1	
Colourful	1 pc. (approx. 3320 kg)	90 04179 55080 0	

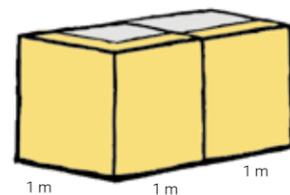
MANUALLY ARRANGED VISIBLE SURFACES



The larger stones of the filling material are arranged with the flat side on the mat. With this demanding manual work, the look of a Cyclopean stonework is imparted to the stone basket. The pricing is based on the area in m². Every surface can be made into a manually arranged surface.



= 1 m² visible surface



= 3 m² visible surface

Manually arranged gabion visible surfaces

Grain size	Unit	EAN code
100 – 300 mm	1m ²	90 04179 55950 6



Marble rock, Danube blue



Marble rock, Cloud white



Marble rock, Grey white



Marble rock, Chateau beige



Granite rock, Salt & pepper



Marble rock, Gold ochre



Basalt rock, Black



Green slate rock, Glitter green



River pebbles, Colourful

DIY GABIONS

Construction and filling on-site

Fill technique and mesh size:



Rubble basket

The fill material is filled in lengthwise and with little empty space.
Mesh size: 5 x 10 cm



Building stone basket

The visible surface is finished with building stones. The rest is backfilled with fill material.
Mesh size: 10 x 10 cm



Manually arranged visible surface

The larger rock stones of the filling material are arranged by hand with the flat side on the mesh.
Mesh size: 10 x 10 cm

Wall construction

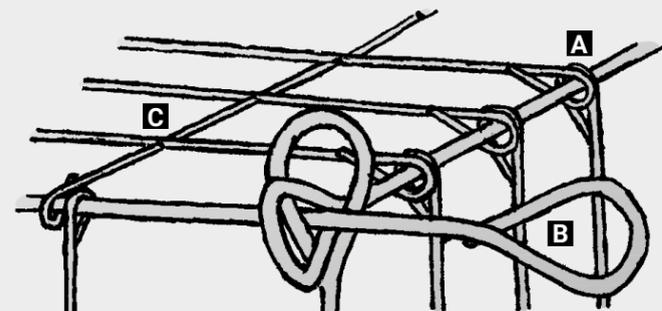
For the construction of the gabions, precise instructions are included (also available at www.scherf.at under „Downloads“).
The gabions are to be filled lengthwise and with little empty space with a stone material that is resistant to frost and pressure. The grain size of the fill material (see page 60) must be larger than the mesh size.

TYPE 1

Plug fastener-eyelet connection

- Simple and safe plug fastener-eyelet connection
- Particularly stable mat edges due to eyelet being welded all around
- Quick and easy construction
- Material saving and high stability through monolithic building methods (connection of the baskets, no double walls or floors)
- Very stable against compressive forces (e.g. from a slope)
- Wire thickness 4.5 mm
- Wire tensile strength $\geq 450 \text{ N/mm}^2$
- Mesh size optionally 5 x 10 or 10 x 10 cm

- A** Welded eyelet
- B** Push fastener
- C** Mesh mat



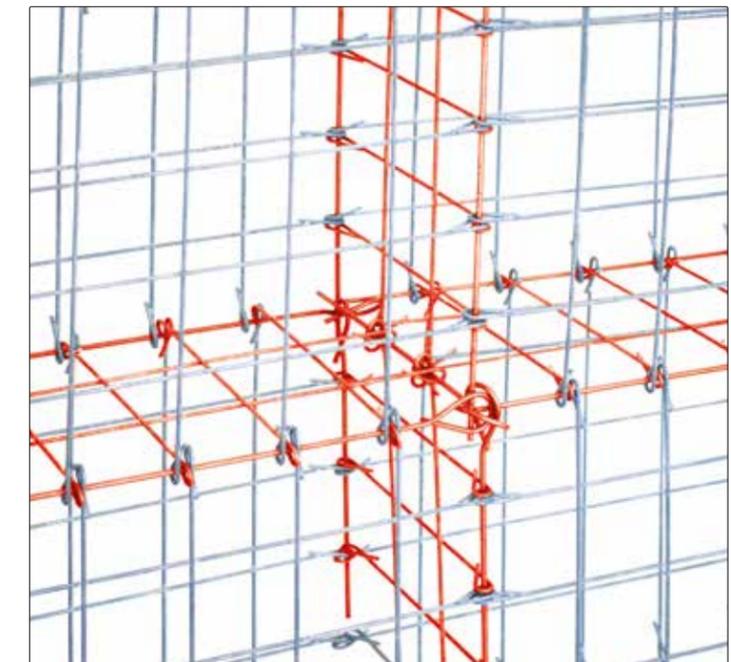
The monolithic (continuous) construction

The gabion wall must be constructed monolithically (continuously). The adjacent baskets are connected with each other. The result is a more attractive joint pattern and higher stability. You also save quite a bit of material:

- No double walls or floors
- Floors, covers and intermediate walls possible in mesh size 10 x 10 cm
- For retaining walls, back wall possible in mesh size 10 x 10 cm
- Only one plug fastener or one spiral wire per corner joint

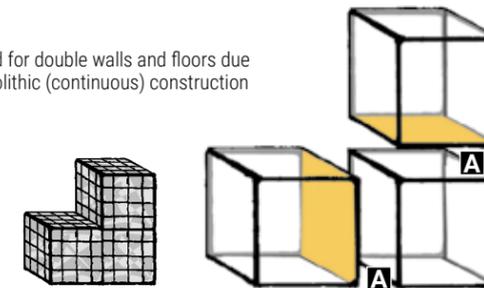
Cost savings of roughly 10 - 20%. If you place an order, we can calculate the exact material requirements for your project (gabion mats, plug fasteners, spacers and fill material) if you wish.

- High level of stability
- No joints
- Cost savings



Only one partition wall or partition floor!

A No need for double walls and floors due to monolithic (continuous) construction

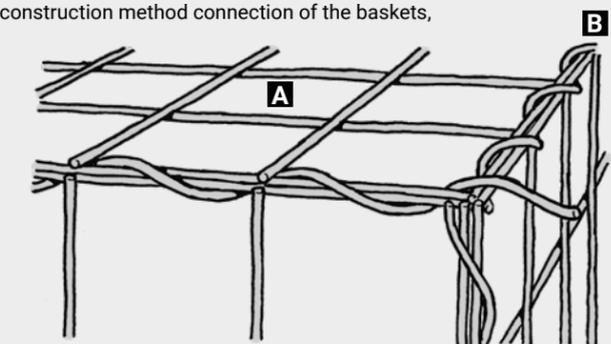


TYPE 2

Spiral wire connection

- Exact fit of spiral wire for an inconspicuous connection of the mesh mats
- Exact edge formation
- Adaptation of the length into 5 cm cuts possible
- Simple realisation of corner solutions
- Simple and quick construction
- Material saving and high stability due to monolithic construction method connection of the baskets, no double walls or floors)
- Very stable against compressive forces (e.g. from a slope)
- Wire thickness 4.5 mm
- Wire tensile strength $\geq 450 \text{ N/mm}^2$
- Mesh size optionally 5 x 10 or 10 x 10 cm
- No wire edges hanging over

- A** Mesh mat
- B** Spiral wire



DIY GABION WITH EYELET

TYPE 1

Complete baskets supplied in individual parts

Mesh size 5 x 10 cm

Packaging: Pallet
Characteristics: Steel wire, 4.5 mm, zinc-aluminium alloy

Size	Unit	EAN code	
L 30 x D 30 x H 30 cm	1 pc. (3,4 kg)	90 04179 56050 2	D 30
L 50 x D 30 x H 30 cm	1 pc. (4,6 kg)	90 04179 56051 9	
L 100 x D 30 x H 30 cm	1 pc. (7,5 kg)	90 04179 56052 6	
L 150 x D 30 x H 30 cm	1 pc. (10,5 kg)	90 04179 56053 3	
L 200 x D 30 x H 30 cm	1 pc. (13,4 kg)	90 04179 56054 0	
L 50 x D 30 x H 50 cm	1 pc. (6,4 kg)	90 04179 56100 4	
L 100 x D 30 x H 50 cm	1 pc. (11,6 kg)	90 04179 56101 1	
L 150 x D 30 x H 50 cm	1 pc. (14,2 kg)	90 04179 56102 8	
L 200 x D 30 x H 50 cm	1 pc. (20,9 kg)	90 04179 56103 5	
L 100 x D 30 x H 100 cm	1 pc. (16,1 kg)	90 04179 56107 3	
L 150 x D 30 x H 100 cm	1 pc. (21,9 kg)	90 04179 56108 0	
L 200 x D 30 x H 100 cm	1 pc. (27,5 kg)	90 04179 56109 7	

Size	Unit	EAN code	
L 50 x D 50 x H 30 cm	1 pc. (6,1 kg)	90 04179 56058 8	D 50
L 100 x D 50 x H 30 cm	1 pc. (9,9 kg)	90 04179 56059 5	
L 150 x D 50 x H 30 cm	1 pc. (13,6 kg)	90 04179 56060 1	
L 200 x D 50 x H 30 cm	1 pc. (17,4 kg)	90 04179 56061 8	
L 50 x D 50 x H 50 cm	1 pc. (8,9 kg)	90 04179 56112 7	
L 100 x D 50 x H 50 cm	1 pc. (13,6 kg)	90 04179 56113 4	
L 150 x D 50 x H 50 cm	1 pc. (17,7 kg)	90 04179 56114 1	
L 200 x D 50 x H 50 cm	1 pc. (22,9 kg)	90 04179 56115 8	
L 100 x D 50 x H 100 cm	1 pc. (20,3 kg)	90 04179 56119 6	
L 150 x D 50 x H 100 cm	1 pc. (26,5 kg)	90 04179 56120 2	
L 200 x D 50 x H 100 cm	1 pc. (33,6 kg)	90 04179 56121 9	

Size	Unit	EAN code	
L 100 x D 100 x H 30 cm	1 pc. (15,3 kg)	90 04179 56066 3	D 100
L 150 x D 100 x H 30 cm	1 pc. (21,0 kg)	90 04179 56067 0	
L 200 x D 100 x H 30 cm	1 pc. (26,6 kg)	90 04179 56068 7	
L 100 x D 100 x H 50 cm	1 pc. (19,9 kg)	90 04179 56125 7	
L 150 x D 100 x H 50 cm	1 pc. (26,0 kg)	90 04179 56126 4	
L 200 x D 100 x H 50 cm	1 pc. (33,3 kg)	90 04179 56127 1	
L 100 x D 100 x H 100 cm	1 pc. (28,5 kg)	90 04179 56131 8	
L 150 x D 100 x H 100 cm	1 pc. (36,6 kg)	90 04179 56132 5	
L 200 x D 100 x H 100 cm	1 pc. (45,9 kg)	90 04179 56133 2	

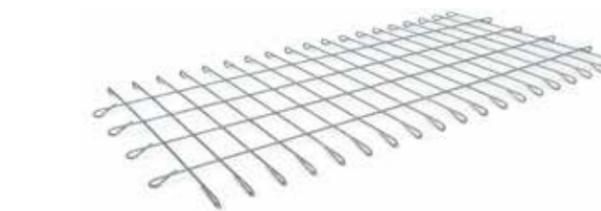
Mesh size 10 x 10 cm

Packaging: Pallet
Characteristics: Steel wire, 4.5 mm, zinc-aluminium alloy

Size	Unit	EAN code	
L 30 x D 30 x H 30 cm	1 pc. (2,6 kg)	90 04179 56071 7	D 30
L 50 x D 30 x H 30 cm	1 pc. (3,4 kg)	90 04179 56072 4	
L 100 x D 30 x H 30 cm	1 pc. (5,3 kg)	90 04179 56073 1	
L 150 x D 30 x H 30 cm	1 pc. (7,3 kg)	90 04179 56074 8	
L 200 x D 30 x H 30 cm	1 pc. (9,3 kg)	90 04179 56075 5	
L 50 x D 30 x H 50 cm	1 pc. (4,5 kg)	90 04179 56136 3	
L 100 x D 30 x H 50 cm	1 pc. (7,9 kg)	90 04179 56137 0	
L 150 x D 30 x H 50 cm	1 pc. (9,6 kg)	90 04179 56138 7	
L 200 x D 30 x H 50 cm	1 pc. (14,0 kg)	90 04179 56139 4	
L 100 x D 30 x H 100 cm	1 pc. (11,1 kg)	90 04179 56143 1	
L 150 x D 30 x H 100 cm	1 pc. (14,9 kg)	90 04179 56144 8	
L 200 x D 30 x H 100 cm	1 pc. (20,8 kg)	90 04179 56145 5	

Size	Unit	EAN code	
L 50 x D 50 x H 30 cm	1 pc. (4,4 kg)	90 04179 56079 3	D 50
L 100 x D 50 x H 30 cm	1 pc. (6,9 kg)	90 04179 56080 9	
L 150 x D 50 x H 30 cm	1 pc. (9,4 kg)	90 04179 56081 6	
L 200 x D 50 x H 30 cm	1 pc. (11,9 kg)	90 04179 56082 3	
L 50 x D 50 x H 50 cm	1 pc. (6,0 kg)	90 04179 56148 6	
L 100 x D 50 x H 50 cm	1 pc. (9,1 kg)	90 04179 56149 3	
L 150 x D 50 x H 50 cm	1 pc. (12,2 kg)	90 04179 56150 9	
L 200 x D 50 x H 50 cm	1 pc. (15,4 kg)	90 04179 56151 6	
L 100 x D 50 x H 100 cm	1 pc. (13,8 kg)	90 04179 56155 4	
L 150 x D 50 x H 100 cm	1 pc. (18,3 kg)	90 04179 56156 1	
L 200 x D 50 x H 100 cm	1 pc. (22,8 kg)	90 04179 56157 8	

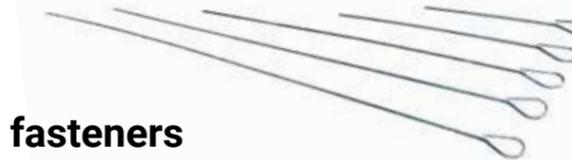
Size	Unit	EAN code	
L 100 x D 100 x H 30 cm	1 pc. (10,6 kg)	90 04179 56087 8	D 100
L 150 x D 100 x H 30 cm	1 pc. (14,4 kg)	90 04179 56088 5	
L 200 x D 100 x H 30 cm	1 pc. (18,1 kg)	90 04179 56089 2	
L 100 x D 100 x H 50 cm	1 pc. (13,4 kg)	90 04179 56161 5	
L 150 x D 100 x H 50 cm	1 pc. (17,9 kg)	90 04179 56162 2	
L 200 x D 100 x H 50 cm	1 pc. (22,5 kg)	90 04179 56163 9	
L 100 x D 100 x H 100 cm	1 pc. (19,5 kg)	90 04179 56167 7	
L 150 x D 100 x H 100 cm	1 pc. (25,4 kg)	90 04179 56168 4	
L 200 x D 100 x H 100 cm	1 pc. (30,4 kg)	90 04179 56169 1	



Mats, mesh size 5 x 10 cm

Packaging: Pallet
Characteristics: Steel wire, 4.5 mm, zinc-aluminium alloy

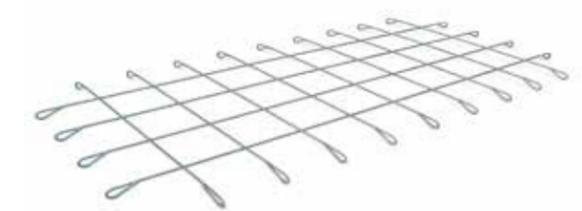
Size	Unit	EAN code
L 30 x H 30 cm	1 pc. (0,4 kg)	90 04179 56510 1
L 50 x H 30 cm	1 pc. (0,7 kg)	90 04179 56200 1
L 100 x H 30 cm	1 pc. (1,3 kg)	90 04179 56210 0
L 150 x H 30 cm	1 pc. (2,0 kg)	90 04179 56220 9
L 200 x H 30 cm	1 pc. (2,5 kg)	90 04179 56230 8
L 30 x H 50 cm	1 pc. (0,6 kg)	90 04179 56530 9
L 50 x H 50 cm	1 pc. (1,0 kg)	90 04179 56300 8
L 100 x H 50 cm	1 pc. (2,1 kg)	90 04179 56310 7
L 150 x H 50 cm	1 pc. (3,1 kg)	90 04179 56320 6
L 200 x H 50 cm	1 pc. (4,1 kg)	90 04179 56330 5
L 30 x H 100 cm	1 pc. (1,2 kg)	90 04179 56540 8
L 50 x H 100 cm	1 pc. (2,0 kg)	90 04179 56350 3
L 100 x H 100 cm	1 pc. (4,0 kg)	90 04179 56360 2
L 150 x H 100 cm	1 pc. (5,9 kg)	90 04179 56370 1
L 200 x H 100 cm	1 pc. (7,9 kg)	90 04179 56380 0



Push fasteners

Packaging: Pallet
Characteristics: Steel wire, 6 mm, zinc-aluminium alloy

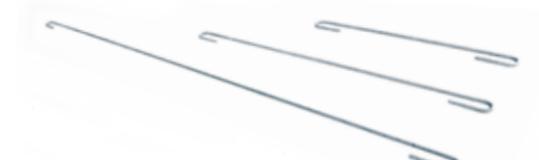
Length	Packaging	Unit	EAN code
30 cm	Pallet	1 pc. (0,1 kg)	90 04179 56590 3
50 cm	Pallet	1 pc. (0,2 kg)	90 04179 56600 9
100 cm	Pallet	1 pc. (0,3 kg)	90 04179 56610 8
150 cm	Pallet	1 pc. (0,4 kg)	90 04179 56620 7
200 cm	Pallet	1 pc. (0,5 kg)	90 04179 56630 6



Mats, mesh size 10 x 10 cm

Packaging: Pallet
Characteristics: Steel wire, 4.5 mm, zinc-aluminium alloy

Size	Unit	EAN code
L 30 x H 30 cm	1 pc. (0,2 kg)	90 04179 56520 0
L 50 x H 30 cm	1 pc. (0,4 kg)	90 04179 56250 6
L 100 x H 30 cm	1 pc. (0,8 kg)	90 04179 56260 5
L 150 x H 30 cm	1 pc. (1,2 kg)	90 04179 56270 4
L 200 x H 30 cm	1 pc. (1,5 kg)	90 04179 56280 3
L 50 x H 50 cm	1 pc. (0,6 kg)	90 04179 56410 4
L 100 x H 50 cm	1 pc. (1,3 kg)	90 04179 56420 3
L 150 x H 50 cm	1 pc. (1,9 kg)	90 04179 56430 2
L 200 x H 50 cm	1 pc. (2,6 kg)	90 04179 56440 1
L 100 x H 100 cm	1 pc. (2,5 kg)	90 04179 56470 8
L 150 x H 100 cm	1 pc. (3,8 kg)	90 04179 56480 7
L 200 x H 100 cm	1 pc. (5,1 kg)	90 04179 56490 6



Spacers

Packaging: Pallet
Characteristics: Steel wire, 5 mm, zinc-aluminium alloy

Length	Packaging	Unit	EAN code
30 cm	Pallet	1 pc. (0,1 kg)	90 04179 56650 4
50 cm	Pallet	1 pc. (0,1 kg)	90 04179 56660 3
100 cm	Pallet	1 pc. (0,2 kg)	90 04179 56670 2

DIY GABION WITH SPIRALLY-WELDED PIPE

TYPE 2

Complete baskets supplied in individual parts

Mesh size 5 x 10 cm

Packaging: Pallet
Characteristics: Steel wire, 4.5 mm, zinc-aluminium alloy

Size	Unit	EAN code	D 30
L 30 x D 30 x H 30 cm	1 pc. (2,8 kg)	90 04179 57050 1	
L 50 x D 30 x H 30 cm	1 pc. (4,1 kg)	90 04179 57051 8	
L 100 x D 30 x H 30 cm	1 pc. (6,7 kg)	90 04179 57052 5	
L 150 x D 30 x H 30 cm	1 pc. (9,3 kg)	90 04179 57053 2	
L 200 x D 30 x H 30 cm	1 pc. (12,3 kg)	90 04179 57054 9	
L 50 x D 30 x H 50 cm	1 pc. (6,0 kg)	90 04179 57100 3	
L 100 x D 30 x H 50 cm	1 pc. (9,5 kg)	90 04179 57101 0	
L 150 x D 30 x H 50 cm	1 pc. (13,0 kg)	90 04179 57102 7	
L 200 x D 30 x H 50 cm	1 pc. (16,7 kg)	90 04179 57103 4	
L 100 x D 30 x H 100 cm	1 pc. (15,2 kg)	90 04179 57107 2	
L 150 x D 30 x H 100 cm	1 pc. (20,8 kg)	90 04179 57108 9	
L 200 x D 30 x H 100 cm	1 pc. (26,4 kg)	90 04179 57109 6	

Size	Unit	EAN code	D 50
L 50 x D 50 x H 30 cm	1 pc. (5,6 kg)	90 04179 57058 7	
L 100 x D 50 x H 30 cm	1 pc. (9,0 kg)	90 04179 57059 4	
L 150 x D 50 x H 30 cm	1 pc. (12,4 kg)	90 04179 57060 0	
L 200 x D 50 x H 30 cm	1 pc. (16,0 kg)	90 04179 57061 7	
L 50 x D 50 x H 50 cm	1 pc. (7,6 kg)	90 04179 57112 6	
L 100 x D 50 x H 50 cm	1 pc. (11,9 kg)	90 04179 57113 3	
L 150 x D 50 x H 50 cm	1 pc. (16,2 kg)	90 04179 57114 0	
L 200 x D 50 x H 50 cm	1 pc. (20,5 kg)	90 04179 57115 7	
L 100 x D 50 x H 100 cm	1 pc. (18,4 kg)	90 04179 57119 5	
L 150 x D 50 x H 100 cm	1 pc. (24,8 kg)	90 04179 57120 1	
L 200 x D 50 x H 100 cm	1 pc. (31,0 kg)	90 04179 57121 8	

Size	Unit	EAN code	D 100
L 100 x D 100 x H 30 cm	1 pc. (14,2 kg)	90 04179 57066 2	
L 150 x D 100 x H 30 cm	1 pc. (19,6 kg)	90 04179 57067 9	
L 200 x D 100 x H 30 cm	1 pc. (25,0 kg)	90 04179 57068 6	
L 100 x D 100 x H 50 cm	1 pc. (18,0 kg)	90 04179 57125 6	
L 150 x D 100 x H 50 cm	1 pc. (24,4 kg)	90 04179 57126 3	
L 200 x D 100 x H 50 cm	1 pc. (30,6 kg)	90 04179 57127 0	
L 100 x D 100 x H 100 cm	1 pc. (26,4 kg)	90 04179 57131 7	
L 150 x D 100 x H 100 cm	1 pc. (35,0 kg)	90 04179 57132 4	
L 200 x D 100 x H 100 cm	1 pc. (43,2 kg)	90 04179 57133 1	

Mesh size 10 x 10 cm

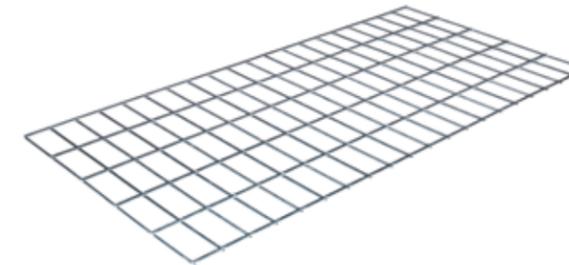
Packaging: Pallet
Characteristics: Steel wire, 4.5 mm, zinc-aluminium alloy

Size	Unit	EAN code	D 30
L 30 x D 30 x H 30 cm	1 pc. (2,2 kg)	90 04179 57071 6	
L 50 x D 30 x H 30 cm	1 pc. (3,1 kg)	90 04179 57072 3	
L 100 x D 30 x H 30 cm	1 pc. (4,9 kg)	90 04179 57073 0	
L 150 x D 30 x H 30 cm	1 pc. (7,1 kg)	90 04179 57074 7	
L 200 x D 30 x H 30 cm	1 pc. (8,9 kg)	90 04179 57075 4	
L 50 x D 30 x H 50 cm	1 pc. (4,6 kg)	90 04179 57136 2	
L 100 x D 30 x H 50 cm	1 pc. (6,9 kg)	90 04179 57137 9	
L 150 x D 30 x H 50 cm	1 pc. (9,6 kg)	90 04179 57138 6	
L 200 x D 30 x H 50 cm	1 pc. (12,1 kg)	90 04179 57139 3	
L 100 x D 30 x H 100 cm	1 pc. (11,2 kg)	90 04179 57143 0	
L 150 x D 30 x H 100 cm	1 pc. (15,2 kg)	90 04179 57144 7	
L 200 x D 30 x H 100 cm	1 pc. (19,0 kg)	90 04179 57145 4	

Size	Unit	EAN code	D 50
L 50 x D 50 x H 30 cm	1 pc. (4,2 kg)	90 04179 57079 2	
L 100 x D 50 x H 30 cm	1 pc. (6,4 kg)	90 04179 57080 8	
L 150 x D 50 x H 30 cm	1 pc. (9,0 kg)	90 04179 57081 5	
L 200 x D 50 x H 30 cm	1 pc. (11,4 kg)	90 04179 57082 2	
L 50 x D 50 x H 50 cm	1 pc. (5,8 kg)	90 04179 57148 5	
L 100 x D 50 x H 50 cm	1 pc. (8,5 kg)	90 04179 57149 2	
L 150 x D 50 x H 50 cm	1 pc. (11,6 kg)	90 04179 57150 8	
L 200 x D 50 x H 50 cm	1 pc. (14,7 kg)	90 04179 57151 5	
L 100 x D 50 x H 100 cm	1 pc. (13,2 kg)	90 04179 57155 3	
L 150 x D 50 x H 100 cm	1 pc. (17,6 kg)	90 04179 57156 0	
L 200 x D 50 x H 100 cm	1 pc. (22,0 kg)	90 04179 57157 7	

Size	Unit	EAN code	D 100
L 100 x D 100 x H 30 cm	1 pc. (10,2 kg)	90 04179 57087 7	
L 150 x D 100 x H 30 cm	1 pc. (14,0 kg)	90 04179 57088 4	
L 200 x D 100 x H 30 cm	1 pc. (17,6 kg)	90 04179 57089 1	
L 100 x D 100 x H 50 cm	1 pc. (12,8 kg)	90 04179 57161 4	
L 150 x D 100 x H 50 cm	1 pc. (17,2 kg)	90 04179 57162 1	
L 200 x D 100 x H 50 cm	1 pc. (21,6 kg)	90 04179 57163 8	
L 100 x D 100 x H 100 cm	1 pc. (19,2 kg)	90 04179 57167 6	
L 150 x D 100 x H 100 cm	1 pc. (25,0 kg)	90 04179 57168 3	
L 200 x D 100 x H 100 cm	1 pc. (30,8 kg)	90 04179 57169 0	

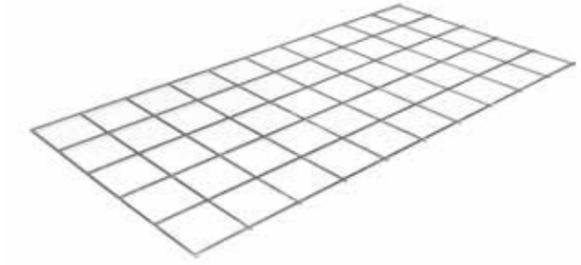
Individual parts for determination of material needs in monolithic construction



Mats, mesh size 5 x 10 cm

Packaging: Pallet
Characteristics: Steel wire, 4.5 mm, zinc-aluminium alloy

Size	Unit	EAN code
L 30 x H 30 cm	1 pc. (0,4 kg)	90 04179 56513 2
L 50 x H 30 cm	1 pc. (0,7 kg)	90 04179 56203 2
L 100 x H 30 cm	1 pc. (1,3 kg)	90 04179 56213 1
L 150 x H 30 cm	1 pc. (1,9 kg)	90 04179 56223 0
L 200 x H 30 cm	1 pc. (2,6 kg)	90 04179 56233 9
L 30 x H 50 cm	1 pc. (0,7 kg)	90 04179 56573 6
L 50 x H 50 cm	1 pc. (1,1 kg)	90 04179 56303 9
L 100 x H 50 cm	1 pc. (2,1 kg)	90 04179 56313 8
L 150 x H 50 cm	1 pc. (3,1 kg)	90 04179 56323 7
L 200 x H 50 cm	1 pc. (4,1 kg)	90 04179 56333 6
L 30 x H 100 cm	1 pc. (1,3 kg)	90 04179 56583 5
L 50 x H 100 cm	1 pc. (2,1 kg)	90 04179 56353 4
L 100 x H 100 cm	1 pc. (4,0 kg)	90 04179 56363 3
L 150 x H 100 cm	1 pc. (6,0 kg)	90 04179 56373 2
L 200 x H 100 cm	1 pc. (7,9 kg)	90 04179 56383 1



Mats, mesh size 10 x 10 cm

Packaging: Pallet
Characteristics: Steel wire, 4.5 mm, zinc-aluminium alloy

Size	Unit	EAN code
L 30 x H 30 cm	1 pc. (0,3 kg)	90 04179 56523 1
L 50 x H 30 cm	1 pc. (0,5 kg)	90 04179 56253 7
L 100 x H 30 cm	1 pc. (0,9 kg)	90 04179 56263 6
L 150 x H 30 cm	1 pc. (1,4 kg)	90 04179 56273 5
L 200 x H 30 cm	1 pc. (1,8 kg)	90 04179 56283 4
L 50 x H 50 cm	1 pc. (0,8 kg)	90 04179 56413 5
L 100 x H 50 cm	1 pc. (1,4 kg)	90 04179 56423 4
L 150 x H 50 cm	1 pc. (2,1 kg)	90 04179 56433 3
L 200 x H 50 cm	1 pc. (2,8 kg)	90 04179 56443 2
L 100 x H 100 cm	1 pc. (2,8 kg)	90 04179 56473 9
L 150 x H 100 cm	1 pc. (4,1 kg)	90 04179 56483 8
L 200 x H 100 cm	1 pc. (5,4 kg)	90 04179 56493 7



Spiral wire for DIY gabion

The spiral wire is cut to the correct length on-site.
When calculating the material needs, a safety factor needs to be used.
Packaging: Pallet
Characteristics: Steel wire, 3 mm, zinc-aluminium alloy

Length	Packaging	Unit	EAN code
100 cm	Pallet	1 pc. (0,1 kg)	90 04179 56614 6

Spacers

Packaging: Pallet
Characteristics: Steel wire, 5 mm, zinc-aluminium alloy

Length	Packaging	Unit	EAN code
30 cm	Pallet	1 pc. (0,1 kg)	90 04179 56650 4
50 cm	Pallet	1 pc. (0,1 kg)	90 04179 56660 3
100 cm	Pallet	1 pc. (0,2 kg)	90 04179 56670 2

ACCESSORIES FOR DIY GABIONS



Upright for 30 cm deep walls

The uprights are cemented in point foundations at 2 m intervals. Statically required for free-standing walls with a height of 1.5 m and higher. Also suitable for terracing (elevated sections) up to a height of 1 m.

Packaging: Pallet

Characteristics: Steel, thick galvanisation, with plastic cap

Size	Wall height	Unit	EAN code
*L 120 cm	H 100 cm	1 pc. (6,2 kg)	90 04179 56676 4
L 170 cm	H 150 cm	1 pc. (11,0 kg)	90 04179 56677 1
L 240 cm	H 200 cm	1 pc. (20,0 kg)	90 04179 56678 8

* Only necessary for terracing (elevated sections).

Reinforcement cage for uprights

Statically required for 1.5 m fence height and above.

Packaging: Pallet

Characteristics: Ribbed rebar, 8 mm and 12 mm



Size	Unit	EAN code
L 25 x W 25 x H 75 cm	1 pc. (6,9 kg)	90 04179 56699 3



Noise-insulation kit

Noise insulation plate for simple integration into DIY gabions. Suitable for walls that are 30 cm and 50 cm deep.

- Airborne sound insulation classified in line with EN 1793-2: Group B3, DLα [dB] > 24

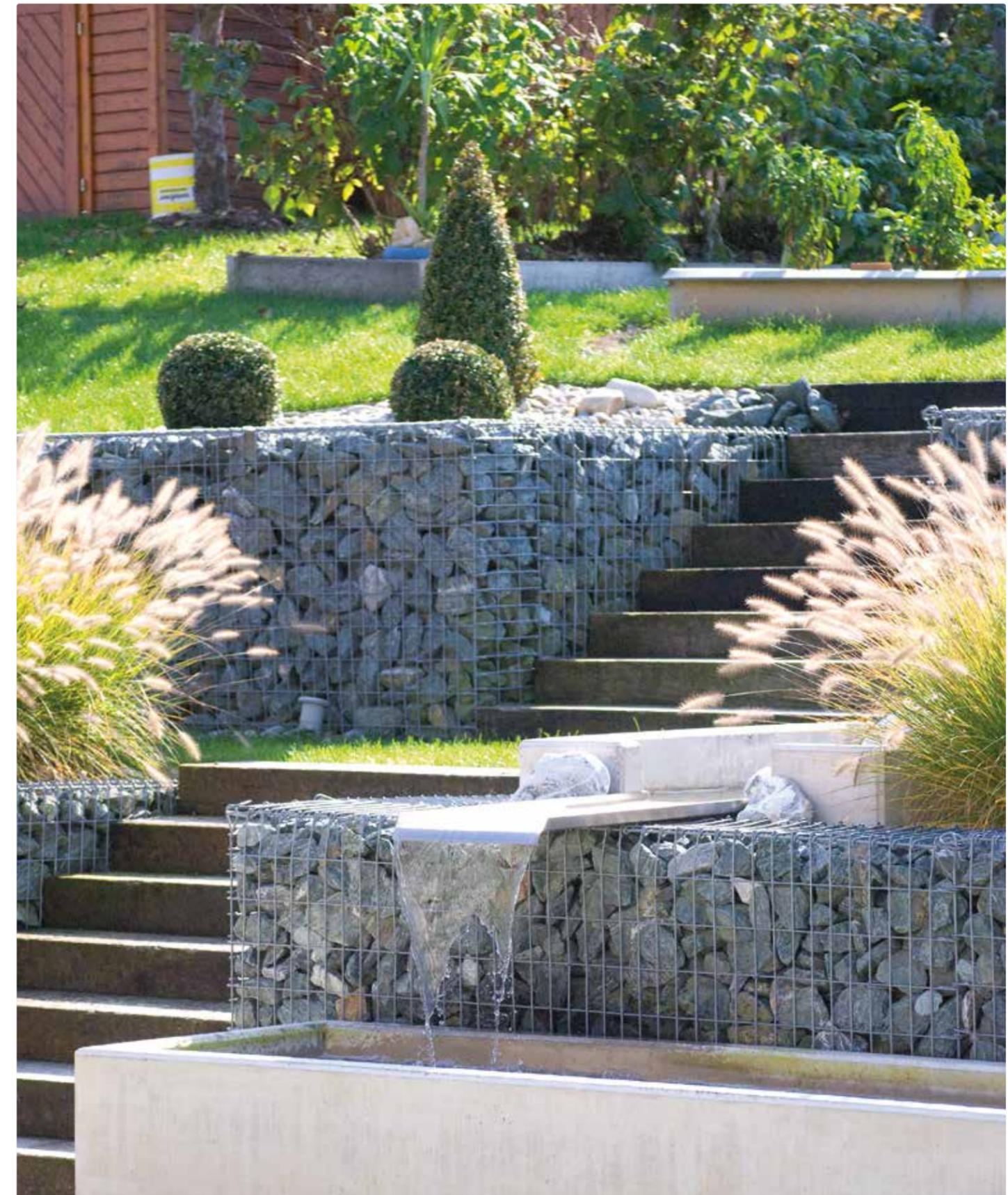
- No deep foundation necessary

- Construction and filling takes place on the building site

Packaging: Pallet

Characteristics: Noise insulation kit with assembly and sealing material

Size	Unit	EAN code
L 200 x H 50 cm	1 pc. (15,0 kg)	90 04179 56671 9



FENCE GABIONS

Construction and filling on-site

Visually elegant – lots of stone, little wire

Modern spatial design requires gabions in the form of narrow fence solutions. In contrast to the broader „classic gabions“ that work statically by having a large weight, the space-saving fence gabion requires an internal support structure.

In the system developed by SCHERF the support structure is not visible. In addition, it offers great flexibility and variety.

- Only 20 cm wall depth
- Internal upright with welded spacers – not visible from the outside
- Horizontal reinforcement against bending
- Mesh size 5x10 cm
- Wire is only 4.5 mm thick - decent and elegant - lots of stone, little wire
- Use of 50-100 mm filling material blocks view completely



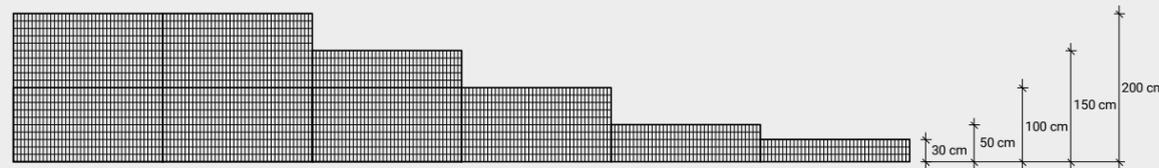
ONLY 20 CM WALL DEPTH!

- Two zinc-plated upright models (for concrete installation in isolated footing; for screwing into strip footing)
- Underlying foundation not visible from outside
- Adjustment of the fence length possible in 5 cm increments
- Uncomplicated implementation of corners
- Exact-fitting spiral wire ensures precise

- corner joints
- Large variety of straps with pilot hole for securing fence elements made of wood, aluminium, trellis, etc.
- No floor, no intermediate walls; cover optional
- Statically tested (max. wind speed 135 km/h, ram pressure 0.8 KN/m²)
- Patented system

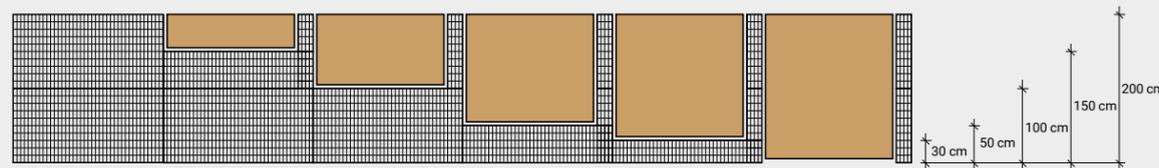
TYPE 1

Continuous gabion fence



TYPE 2

Gabion fence, can be combined with elements made of other materials



The brown fields symbolise elements made from wood, aluminium, etc. The elements are simply screwed onto the protruding tabs. You can build, for example, a classic garden fence with base and pillars. The two types can be combined with one another.



Two zinc-plated upright models ensure, for heights above 50 cm, the stability of the fence gabion.



The straps with cross-beams are „invisible“ inside the filling material and ensure a high level of stability.



The fence length can be easily modified by nipping of the mats 5 cm increments. Standard lengths: 30/50/100/150/200 cm



The mats are hung into the spacers of the „invisible“ uprights.



An exact-fitting spiral wire ensures precise corner joints.



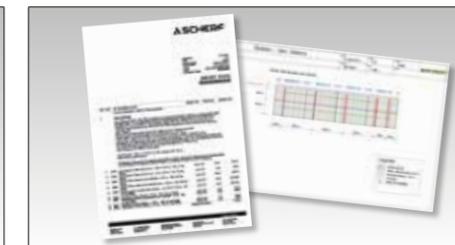
After construction, the fence gabion is filled from above.

4 easy steps to your individual gabion fence



Step 1 – Drawing

Prepare a drawing with exact dimensions. Your drawing must specify the exact heights, lengths and positions of the fence elements for assembly.



Step 2 – SCHERF determination of requirements

SCHERF determines the requirements for your project. You receive an offer with the required components. SCHERF creates a construction plan if the order is placed.



Step 3 – Construction

Simple construction using instructions! Precise instructions are included (also available at www.scherf.at under "Downloads"). You can also find the exact design of the foundations there.

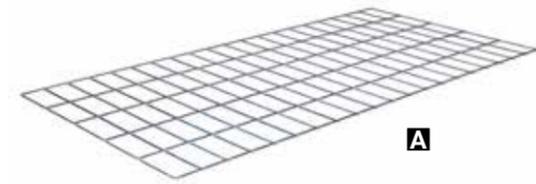


Step 4 – Filling

The fence gabion is to be filled with a stone material that is resistant to frost and pressure. The grain size of the fill material must be larger than the mesh size. Uprights and cross-bars are covered up by manually layering the stones. The stones must be aligned with little empty space so that they do not protrude and the wall completely obscures the view. Ideally, use SCHERF filling material with a grain size of 50-100 mm – see page 60. These materials are ideally suited for the mesh size and wall depth.

COMPONENTS OF THE FENCE GABION

SCHERF will determine the needed materials for the project



Mats, mesh size 5 x 10 cm

Packaging: Pallet
Characteristics: Steel wire, 4.5 mm, zinc-aluminium alloy

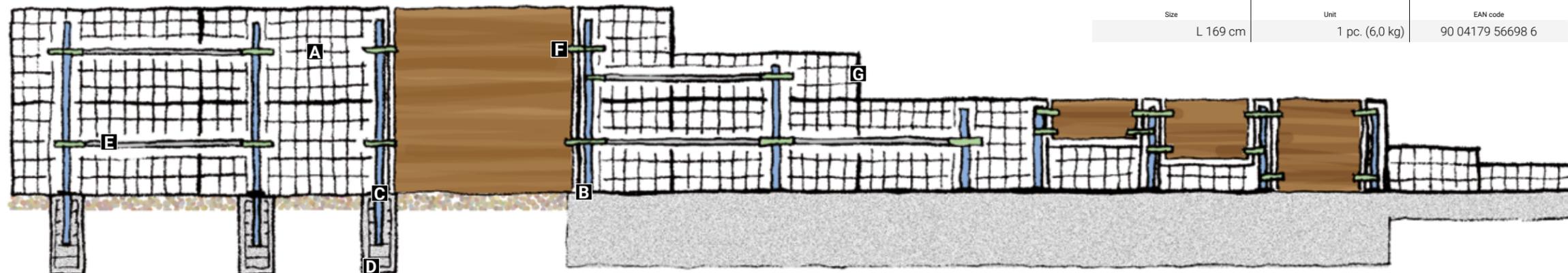
Front and back sides

Size	Unit	EAN code
L 30 x H 30 cm	1 pc. (0,4 kg)	90 04179 56516 3
L 50 x H 30 cm	1 pc. (0,7 kg)	90 04179 56206 3
L 100 x H 30 cm	1 pc. (1,3 kg)	90 04179 56216 2
L 150 x H 30 cm	1 pc. (1,9 kg)	90 04179 56226 1
L 200 x H 30 cm	1 pc. (2,6 kg)	90 04179 56236 0
L 50 x H 50 cm	1 pc. (1,1 kg)	90 04179 56306 0
L 100 x H 50 cm	1 pc. (2,1 kg)	90 04179 56316 9
L 150 x H 50 cm	1 pc. (3,1 kg)	90 04179 56326 8
L 200 x H 50 cm	1 pc. (4,1 kg)	90 04179 56336 7
L 50 x H 100 cm	1 pc. (2,1 kg)	90 04179 56356 5
L 100 x H 100 cm	1 pc. (4,0 kg)	90 04179 56366 4
L 150 x H 100 cm	1 pc. (6,0 kg)	90 04179 56376 3
L 200 x H 100 cm	1 pc. (7,9 kg)	90 04179 56386 2

Sides and tops

Size	Unit	EAN code
L 20 x H 30 cm	1 pc. (0,3 kg)	90 04179 56536 1
L 20 x H 50 cm	1 pc. (0,5 kg)	90 04179 56546 0
L 20 x H 100 cm	1 pc. (0,9 kg)	90 04179 56556 9

To determine your material needs, we require a project layout with exact dimensions. Upon ordering, you will receive a detailed installation diagram from us.



Upright to be screwed in

(Strip foundation)
Incl. screws and anchors
Packaging: Pallet
Characteristics: Steel, thick galvanisation



Size	Zaunhöhe	Unit	EAN code
L 90 cm	H 100 cm	1 pc. (8,5 kg)	90 04179 56680 1
L 135 cm	H 150 cm	1 pc. (14,0 kg)	90 04179 56681 8
L 185 cm	H 200 cm	1 pc. (23,5 kg)	90 04179 56682 5

Upright for cementing

(Pad foundation)
Packaging: Pallet
Characteristics: Steel, thick galvanisation



Size	Fence height	Unit	EAN code
L 120 cm	H 100 cm	1 pc. (10,0 kg)	90 04179 56690 0
L 170 cm	H 150 cm	1 pc. (16,0 kg)	90 04179 56691 7
L 240 cm	H 200 cm	1 pc. (26,0 kg)	90 04179 56692 4

Reinforcement cage for uprights

(Pad foundation)
Packaging: Pallet
Characteristics: Ribbed rebar, 8 mm and 12 mm



Size	Unit	EAN code
L 25 x W 25 x H 75 cm	1 pc. (6,9 kg)	90 04179 56699 3

Cross-bar

Incl. two screws
Packaging: Pallet
Characteristics: Steel, thick galvanisation



Size	Unit	EAN code
L 169 cm	1 pc. (6,0 kg)	90 04179 56698 6

Securing strap for fence elements & cross-bar

Incl. a screw
Packaging: Pallet
Characteristics: Steel, thick galvanisation
*For 90° column-corner solutions (Two variations for interior and exterior assembly)

Size	Unit	EAN code
L 23 cm	1 pc. (0,9 kg)	90 04179 56696 2
L 40 cm	1 pc. (1,6 kg)	90 04179 56697 9

Size	Unit	EAN code
*L 24 x W 24 cm	1 pc. (1,8 kg)	90 04179 56694 8
*L 23 x W 23 cm	1 pc. (1,8 kg)	90 04179 56695 5

Spiral wire

The spiral wire is cut to the correct length on-site.
When calculating the material needs, a small safety factor needs to be used.
Packaging: Pallet
Characteristics: Steel wire, 3 mm, zinc-aluminium alloy

Size	Unit	EAN code
L 100 cm	1 pc. (0,1 kg)	90 04179 56613 9

Spacer

The exact position for attaching the spacers can be found in the construction manual.
Packaging: Pallet
Characteristics: Steel wire, 5 mm, zinc-aluminium alloy

Size	Unit	EAN code
L 20 cm	1 pc. (0,1 kg)	90 04179 56649 8

GABION RAISED FLOWER BED

Construction kit

- Custom-made spiral wire for exact corner formation
- simple size adjustment is possible (5 cm increments in length and 10 cm in height)
- rapid assembly without the use of tools
- wire thickness 4.5 mm
- wire tensile strength ≥ 450 N/mm²
- mesh width 5 x 10 cm
- no overlapping wire ends
- wall thickness 15 cm,
- delivered as a construction kit (without nonwoven fabrics)

Filling

The raised flower bed must be filled with a frost and pressure-resistant rock material. The grain size of the filling material has to be larger than the distance between the vertical wires. The stones have to be arranged by hand with the flat side on the mesh so that they don't protrude and the raised flower bed becomes opaque. An attractive look that is similar to Cyclopean masonry is achieved by close layering of the stones on the visible surface. Ideally you would use SCHERF filling materials of grain size 50-100 mm for this (see page 60). This grain size is perfectly matched to the mesh width and wall thickness. A precise instruction manual is also provided (also available at www.scherf.at under the menu item „Downloads“).



Length 100 cm

Amount of stone filling material required: about 750 kg

Packaging: Pallet

Characteristics: Steel wire, 4,5 mm, zinc-aluminium alloy

Size	Unit	EAN code
L 100 x D 100 x H 80 cm	1 pc. (25,3 kg)	90 04179 56900 0

Length 200 cm

Amount of stone filling material required: about 1200 kg

Packaging: Pallet

Characteristics: Steel wire, 4,5 mm, zinc-aluminium alloy

Size	Unit	EAN code
L 200 x D 100 x H 80 cm	1 pc. (40,1 kg)	90 04179 56901 7



NOISE-PROTECTION GABIIONS



Gabions that are only filled with stones do not provide effective noise protection. To fulfil the noise protection specifications in the relevant standards, it is necessary to install a noise-protection core in the stone basket.

The noise-protection core is surrounded by stones and is positioned in the basket so that it cannot be seen. It can be made of various materials. SCHERF performs intensive research in the area of noise-protection with gabions. In recent years we have developed and realised a number of high-quality solutions.

Our references include the Austrian highway construction company ASFINAG and the Office of Styrian Government.

Noise protection – basic information

Effective noise control is achieved using a combination of sound damping and sound absorbing measures. The damping indicates the reduction of the noise level when passing through a noise-protection element. The sound absorption is the proportion of sound that is „swallowed“ by the noise-protection element and therefore cannot be reflected (noise protection for the area across from the noise-protection wall). A sound reduction of 10 dB is perceived as halving the noise level. More information about the noise protection can be found at www.asfinag.at and www.verkehr.steiermark.at.

Classification of the sound absorption according to EN 1793-1

Group	DL _a [dB]
A0	Not tested
A1	< 4
A2	4 to 7
A3	8 to 11
A4	> 11

Classification of the sound insulation according to EN 1793-2

Group	DL _a [dB]
B0	Not tested
B1	< 15
B2	15 to 24
B3	> 24

DL_a [dB] = noise reduction in dB

Our systems are suitable for noise-protection measures by highways, streets, train tracks, in residential areas, industrial zones and other noisy areas. Various fill materials are available (see page 62). The variety of rocks and colours makes it possible to use natural stones typical to the region. Highly absorbent noise barriers can be constructed using open-pore lava as a filling material (group A3 under EN1793-1). The noise seal of the joints between the baskets is of particular importance. Our innovative joint seal system prevents the transmission of sound. The systems were tested for noise properties by accredited testing institutes. The measurements were performed on continuous walls (including joints). Test certificates can be provided upon request. Our task is to find a suitable solution for the given situation. Noise-protection projects require exact planning and project management (dimensioning, statics, available space, optic, visual impact). Upon request we can provide project-based concepts, offers and tender specifications.

TYPE 1

Prefabricated gabion with noise-protection core

- No deep foundation required
- Fast construction
- Project-related wall depth – dependent on wall height, wind load and project size
- Can also be used as a column for noise-protection elements made out of other materials (wood concrete, wood, glass, aluminium). The wind loads are absorbed by the stone basket. Compared to other column solutions, no expensive deep foundation is necessary here.
- Classification according to EN 1793: absorption A2 or A3, damping B3



TYPE 2

DIY gabion with noise insulation kit

- Available at wall depths of 30 cm and 50 cm
- No deep foundation necessary
- Simple construction
- Perfect for DIY enthusiasts
- Classification according to EN 1793: absorption A1 (with lava filling material A3), damping B3



TYPE 3

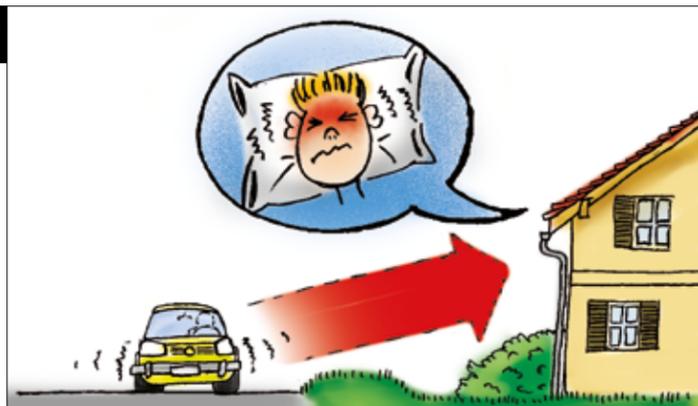
Noise-protection cassette for insertion into HEA steel columns

- Narrow construction – very small footprint (depth 18.5 cm or 25 cm)
- Wall depth 18.5 cm: Mesh size 5x20 cm, One side natural stone filling, Back side, e.g. wood decor
- Wall depth 25 cm: Mesh size 2.5x20 cm, Both sides natural stone filling
- Steel columns must have a deep foundation.
- Prefabricated elements produced in the factory
- Construction similar to familiar noise-protection systems made of wood, aluminium or wood concrete
- Combinations possible with elements of the specified materials
- Classification according to EN 1793: absorption A2 or A3, damping B3



WITHOUT

Noise protection



WITH

Noise protection



FILL MATERIALS

Grain size and the corresponding wall depths & mesh sizes

Grain size	Wall depth	Mesh size
50 – 100 mm	from 15 cm	up to 5 x 10 cm
50 – 150 mm	from 30 cm	up to 5 x 10 cm
60 – 140 mm	from 30 cm	up to 5 x 10 cm
80 – 200 mm	from 30 cm	up to 10 x 10 cm

The calculation formula for the filling material needs

The material has to be incorporated in layers and in a way that minimises the cavity. An attractive look that is similar to a Cyclopean masonry is achieved by close layering of the stones on the visible surface. In this case, the stones have to be arranged with the flat side on the mesh. This means that when it comes to determining requirements, it is necessary to take a **safety margin of 10%** into account. Quantity needed = Volume x bulk density + 10% safety factor

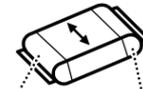
Other filling options

	Grain size	Picture on
Decorative marble pebbles, Carrara-white	60 – 100 mm	Page 23

! The information about stone sizes relates to the sieve mesh size. Larger side lengths with longer stones and a small proportion of smaller stones cannot be avoided due to the nature of the sieves. Many types of products are delivered „washed“. A little bit of abrasive dust is produced as a result of manipulating the material when packaging it. This does not constitute grounds for a complaint.



Size X-Y mm
Narrow
Stone side



max. 20%
min. 60%
max. 20%
smaller X | X-Y mm | bigger Y



washed
quality
max. 1% dust



Marble rock, Chateau beige

Characteristics: Crushed, washed
Stone: Dolomite

50 – 150 mm	Big bag	1000 kg	1	1500 kg/m ³	90 04179 41849 0
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Marble rock, Cloud white

Characteristics: Crushed, washed
Stone: Marble

50 – 100 mm	Big bag	1000 kg	1	1500 kg/m ³	90 04179 41759 2
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Marble rock, Gold ochre

Characteristics: Crushed, washed
Stone: Marble

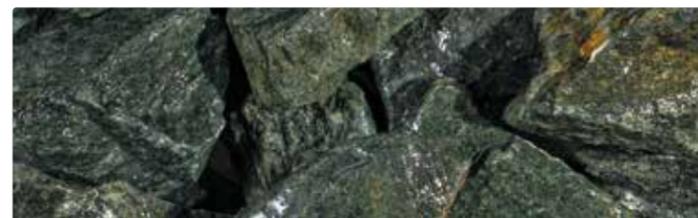
50 – 100 mm	Big bag	1000 kg	1	1500 kg/m ³	90 04179 51749 0
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Marble rock, Carrara white

Characteristics: Crushed
Stone: Marble

60 – 140 mm	Big bag	1000 kg	1	1550 kg/m ³	90 04179 41819 3
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Green slate rock, Glitter green

Characteristics: Crushed, washed
Stone: Green slate

50 – 150 mm	Big bag	1000 kg	1	1600 kg/m ³	90 04179 47729 9
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Marble rock, Danube blue

Characteristics: Crushed
Stone: Marble

50 – 100 mm	Big bag	1000 kg	1	1500 kg/m ³	90 04179 49739 6
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Basalt rock, Black

Characteristics: Crushed, washed
Stone: Basalt

50 – 100 mm	Big bag	1000 kg	1	1550 kg/m ³	90 04179 49729 7
80 – 200 mm	Big bag	1000 kg	1	1550 kg/m ³	90 04179 49829 4



Marble rock, Grey white

Characteristics: Crushed, washed
Stone: Limestone

50 – 100 mm	Big bag	1000 kg	1	1550 kg/m ³	90 04179 49709 9
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Marble rock, Black-white

Characteristics: Crushed, washed
Stone: Marble

50 – 100 mm	Big bag	1000 kg	1	1550 kg/m ³	90 04179 49799 0
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NEW



Gneiss rock, Glimmer grey

Characteristics: Crushed
Stone: Gneiss

50 – 100 mm	Big bag	1000 kg	1	1500 kg/m ³	90 04179 49719 8
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River pebbles, Colourful

Characteristics: Round grain, double-washed
Stone: Quartz

50 – 150 mm	Big bag	1000 kg	1	1600 kg/m ³	90 04179 32649 8
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Granite rock, Salt & pepper

Characteristics: Crushed, washed
Stone: Granite

50 – 100 mm	Big bag	1000 kg	1	1600 kg/m ³	90 04179 49779 2
80 – 200 mm	Big bag	1000 kg	1	1600 kg/m ³	90 04179 49879 9



Glass rocks, Tahiti turquoise

Characteristics: Crushed, washed, lime-free
Stone: Glass

50 – 100 mm	Mesh basket	600 kg	1	1250 kg/m ³	90 04179 47747 3
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BUILDING A GABION WALL

What do you have to consider?

We are happy to help as you design your project. We can provide information on conventional construction methods. Any installation sketches or advice are for information only and we assume no liability for them. Compliance with local building codes, the static calculations and any possible installation errors are all the responsibility builder.

Foundation construction (non-binding recommendation):

For the standard case for terracing (no head bank or no continuing embankment slope, no loads), we recommend the following foundations and maximum wall heights:

- **Wall depth 30 cm**
Height up to 100 cm: 30 cm SCHERF broken gravel 0-32 mm
- **Wall depth 50 cm**
Height up to 150 cm: 30 cm SCHERF broken gravel 0-32 mm
- **Wall depth 100 cm**
Height up to 350 cm: 30 cm SCHERF broken gravel 0-32 mm

For greater wall heights, calculation of the building site statics is mandatory.

The broken gravel has to be compressed. The bottom 10-20 cm of the wall must be integrated into the ground.

Inclination

The retaining wall must be tilted 6° to 8.5° against the slope. The total inclination can be produced by offsetting horizontal elements in layers, by tilting all elements together or with a combination of the two approaches.

In general, larger angles of inclination make it possible to realise higher walls (e.g. with stepping).

Drainage

For low-permeable soil, reliable drainage must be ensured. Water falling on the ground should be drained off from the ground area as quickly as possible, using simple structural means that are low-maintenance (see the graphic to the right).

Backfilling

If the fill material, backfill ground, cover material (head bank) or the upcoming ground are not trickle-proof with respect to one another and the water movements are to be expected, then between the critical soil types a geotextile filter (mat, max 150 g/m²) must be installed. We recommend installing a mat at the bank as well as between the backfill material (SCHERF broken gravel 40-70 mm) and the cover material (head bank).

To prevent movement and damage, the area of at least 1 m width directly behind the wall has to be compressed only with light equipment. Head banks above a retaining wall should not be steeper than 33° and be protected from erosion by planting. The foot of the head bank should be at least 50 cm behind the front edge of the retaining wall.

Free-standing walls

Foundation construction (non-binding recommendation)

and maximum wall heights: Gabion walls do not generally need to have a frost-proof foundation. The ground must be able to absorb the load of the gabions without settling.

Wall depth 30 cm

Height up to 100 cm: 30 cm SCHERF broken gravel 0-32 mm
Height up to 200 cm: Concrete foundation and support construction in the gabion wall

Wall depth 50 cm

Height up to 150 cm: 30 cm SCHERF broken gravel 0-32 mm
Height up to 200 cm: 20 cm unreinforced concrete foundation with double-sided protrusion of 15 cm, approx. 60 cm SCHERF broken gravel 0-63 mm (for 80 cm frost depth)

Wall depth 100 cm

Height up to 200 cm: 40 cm SCHERF broken gravel 0-32 mm
Height up to 400 cm: 50 cm unreinforced concrete foundation with double-sided protrusion of 15 cm, approx. 30 cm SCHERF broken gravel 0-63 mm (for 80 cm frost depth)

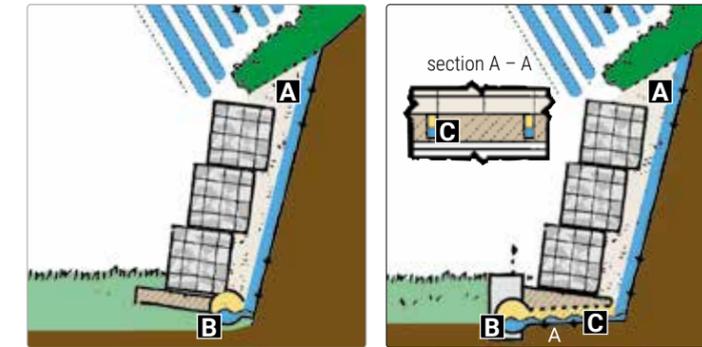
The foundations must be planar (+/- 1 cm).
The broken gravel must be compressed.

Retaining walls

A static calculation must be performed for the dimensioning of the wall cross-section and the design of the foundations. Factors influencing the calculation:

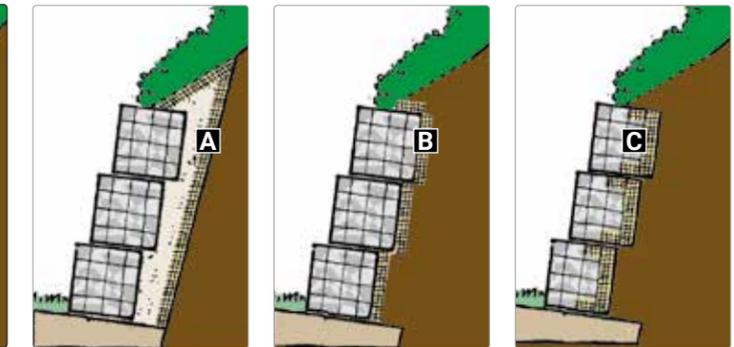
Ground, water pressure, back filling, pressure conditions, weight of the filling material, gradient above or below the retaining wall, loads (street loads), desired wall form. The calculation is performed in the same manner as for a gravity wall. The slide stability, overturning stability, bearing capacity and global stability must be demonstrated.

Examples for ground drainage



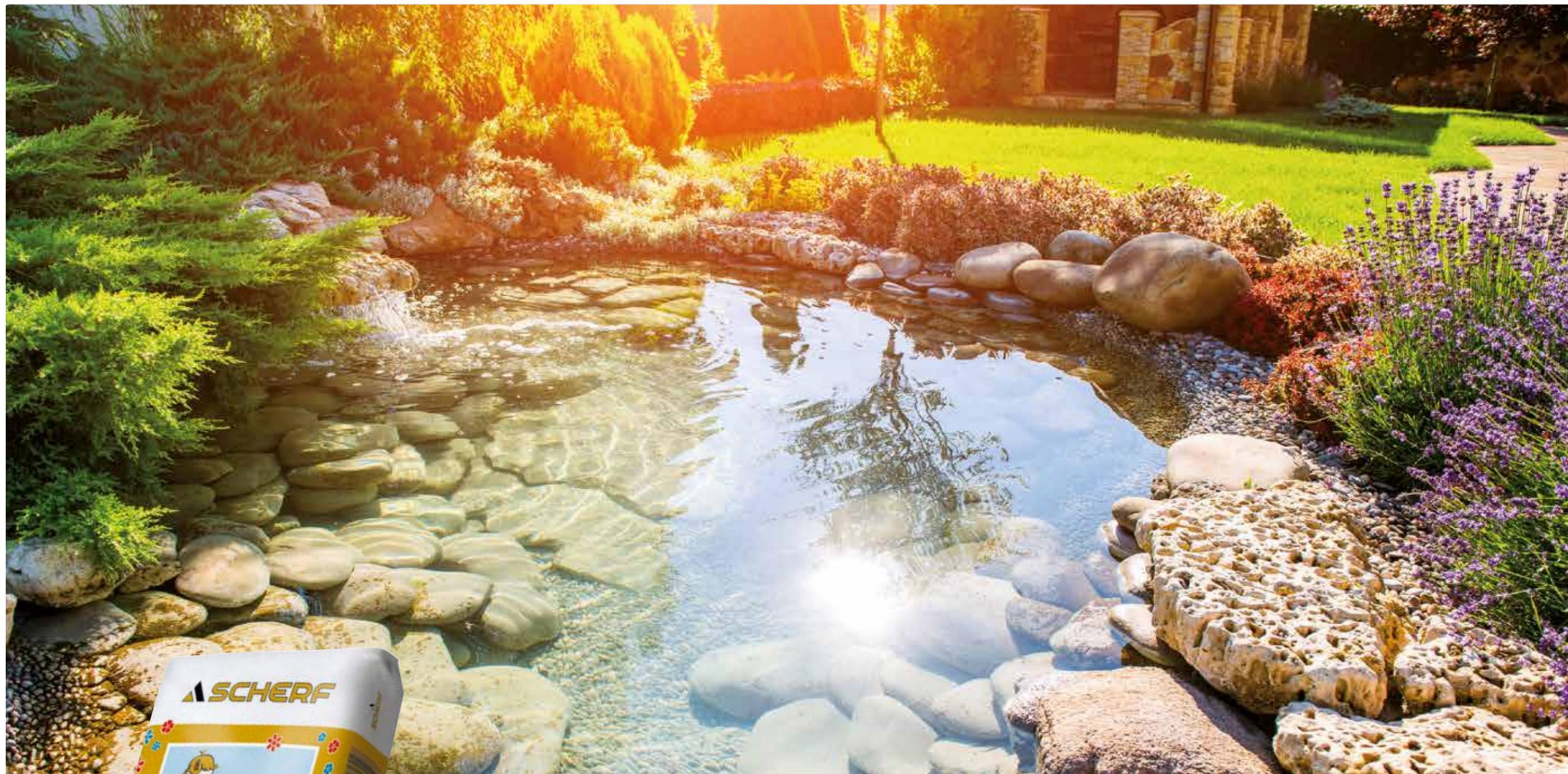
- A** Trickle-proof, water-permeable backfill material
- B** Drainage line
- C** Drainage trench at a distance of 2 m (section A - A)

Examples for the location of a geotextile filter



- A** Mat on the bank (standard)
- B** Mat behind the basket
- C** Mat in the basket





! Our natural products are subject to variation in colour, texture and size. Due to the nature of the printing process, the images may not correspond to the actual material colour.

i The declarations of performance for our construction products which are in line with the EU construction product regulation (BauPVo, EU regulation 305/2011) can be found on our website www.scherf.at under „Products“.



ENVIRONMENT & LEISURE

PLAY



Play sand, Golden brown

Natural play that is fun and promotes creativity.
Characteristics: Pure natural product, with low silt content, certified in accordance with EU law (CE marked), fine grain - ideal for building and modelling.

0,06 – 1 mm	PE sack	25 kg (approx. 20 l)	48	1250 kg/m ³	90 04179 03006 7
0,06 – 1 mm	Big bag	1000 kg (approx. 800 l)	1	1250 kg/m ³	90 04179 03009 8
0,06 – 1 mm	Bulk	1000 kg		1250 kg/m ³	90 04179 03000 5



Play sand – dog and cat repellent, Golden brown

Play sand with natural aromatic oils, fine grain volcanic rock acts as a repository for the fragrant oil - ensures longer efficacy and less leaching.
Characteristics: Pure natural product, with low silt content, certified in accordance with EU law (CE marked), fine grain - ideal for building and modelling.

0,06 – 1 mm	PE sack	15 kg (approx. 12 l)	80	1250 kg/m ³	90 04179 03205 4
0,06 – 1 mm	PE sack	25 kg (approx. 20 l)	48	1250 kg/m ³	90 04179 03206 1

Play sand, South Sea beige

Light, washed play sand. Natural play that is fun and promotes creativity.
Characteristics: Pure natural product, washed quality, with low silt content, certified in accordance with EU law (CE marked), suitable from 0 years and up, doesn't harden in the sand pit, ideal grain size for building and shaping.

0,1 – 0,8 mm	PE sack	25 kg (approx. 20 l)	48	1250 kg/m ³	90 04179 03306 8
0,1 – 0,8 mm	Big bag	1000 kg (ap. 800 l)	1	1250 kg/m ³	90 04179 03309 9



Fall-protection sand

Permanent and clean fall-protection for natural playground designs.
Characteristics: Round grain, washed
Properties: Complies with EN 1176-1 Playground Equipment and Playground Surfacing, dust-free and no binding fines, good extrusion and impact absorption, lime-free, high abrasion resistance (quartz), minimum layer thicknesses as per EN 1176-1: < 2 m critical fall height at least 30 cm fall-protection sand, < 3 m critical fall height at least 40 cm fall-protection sand.

0,3 – 2 mm	Big bag	1000 kg	1	1500 kg/m ³	90 04179 14649 2
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Fall-protection gravel (quartz gravel)

Permanent and clean fall-protection for natural playground designs.
Stone: Quartz
Characteristics: Round grain, twice-washed
Properties: Complies with EN 1176-1 Playground Equipment and Playground Surfacing, dust-free and no binding fines, good extrusion and impact absorption, lime-free, high abrasion resistance (quartz), minimum layer thicknesses as per EN 1176-1: < 2 m critical fall height at least 30 cm fall-protection gravel, < 3 m critical fall height at least 40 cm fall-protection gravel.

4 – 8 mm	Big bag	1000 kg	1	1600 kg/m ³	90 04179 32049 6
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Sculpture sand

For building sand sculptures.
Colour: Brown
Characteristics: Round grains
Properties: Ideal sieve curve, with clay and silt content, pleasant touch, dark colour for a strong three-dimensional effect.

0 – 3 mm	Big bag	1000 kg	1	1300 kg/m ³	90 04179 02129 4
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Making-of video – sand sculpture professional Leonardo Ugolini and the "Fat House".

SPORTS



NEW



Beach volleyball sand (quartz sand)

Low-dust beach volleyball and beach soccer sand with good playing properties.

Colour: Beige

Characteristics: Round grain, washed

Properties: Low dust, abrasion-resistant (minimal dust generation), SiO₂ content > 90%, optimal sieve curve, does not harden, joint-friendly, easy to maintain.

0,06 – 1 mm	Big bag	1000 kg	1	1400 kg/m ³	90 04179 13149 8
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Beach volleyball sand (quartz sand)

Beach volleyball and beach soccer sand with the quality seal of the Austrian Volleyball Federation.

Colour: Beige

Characteristics: Round grain, washed

Properties: Low dust, abrasion-resistant (minimal dust generation), SiO₂ content > 90%, optimal sieve curve, does not harden, joint-friendly, easy to maintain.

0,1 – 1 mm	Big bag	1000 kg	1	1400 kg/m ³	90 04179 13494 9
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Long-jump sand (quartz sand)

Sand for long-jump facilities.

Characteristics: Round grain, washed

Properties: Significant round grain ratio, thus good impact- and joint-friendly landing, strong landing mark, drains water quickly, wear-resistant (no dust), SiO₂ content >90%, natural, resistant to ice and road salt, lime-free, optimal sieve curve.

0,06 – 1 mm	Big bag	1000 kg	1	1350 kg/m ³	90 04179 13049 1
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Footing for riding arenas (quartz sand)

Sand for riding arena-footing.

Characteristics: Round grain

Properties: The grading curve complies with FLL recommendations for the construction of riding arenas, abrasion-resistant, frost-resistant, lime-free.

0,06 – 1 mm	Bulk	1000 kg		1250 kg/m ³	90 04179 02210 9
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Lawn sand (quartz sand)

For sanding lawn areas. For a healthy and lush lawn.

Characteristics: Round grain, washed, fire-dried

Properties: Aerates the lawn and promotes water, nitrogen and nutrient absorption by the grass roots, enables healthy and even lawn growth, reduces felting, works with spreaders, natural, frost-resistant, lime free.

Use: Apply approximately 2-3 kg of lawn sand per square metre evenly with the spreader. Apply 1-2 times a year (spring and late summer) after scarifying.

Storage: Store opened pallets in a dry place.

0,06 – 2 mm	PE sack	25 kg	48	1500 kg/m ³	90 04179 17026 8
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Artificial turf sand (quartz sand)

Filling sand for artificial turf surfaces.

Characteristics: Round grain, washed, fire-dried

Properties: Complies with DIN 18035-7 "Sports fields – artificial turf surfaces" and the ÖISS guideline "Requirements for artificial turf surfaces". SiO₂ percentage > 96 %, limescale content < 2 %.

0,25 – 1,25 mm	Big bag	1000 kg	1	1500 kg/m ³	90 04179 17159 3
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Topdressing sand for sports fields (quartz sand)

Sanding material for grass sports fields.

Characteristics: Round grain, washed

Properties: Corresponds to ÖNORM B 2606-1 sports field coverings - lawn coverings. Optimum grading curve, lime-free, abrasion-resistant, SiO₂ content >90%, natural, frost and de-icing salt resistant.

Use: For the long-term preservation of the grass, grass sports areas must be sanded at least once a year. The application quantity is approx. 7.5 kg (5 litres) per m². For measures such as scarifying and aerating, up to 15 kg (10 litres) per m² can be applied. After sanding, the material must be brought in.

0,06 – 2 mm	Big bag	1000 kg	1	1500 kg/m ³	90 04179 13349 2
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Turf-bearing layer for sport grounds

For new construction and redevelopment of sports ground lawns.

Characteristics: Round-grain quartz sands, grade A compost

Properties: It meets all the requirements of ÖNORM B 2606-1 sports fields - grass surfaces (water permeability, water storage capacity, organic matter, lime content, PH and grain-size distribution), factory-prepared and homogeneous mixture (costs for mixing on the building site are not applicable), standardised mixture (the aggregates and mixing ratio are constant), suitable for all playing fields and design examples in line with ÖNORM, also ideal for repair work such as e.g. repairing the goalmouth without turf (environmentally friendly, conserving fertiliser, pesticides and water, less fertiliser leaching in ground and surface water), the best possible soil physical properties and high shear strength, good ventilation, the best possible cost-efficient supply of nutrients, microbiologically stable and biologically highly active (soil microorganisms enhance soil fertility and plant growth, strengthen the natural defences against fungi and pests, rapid decomposition of lawn thatch to give valuable humus).

Use: The turf-bearing layer is typically to be interlocked with the layer below about 5 cm deep. The thickness of the turf-bearing layer must be 10 cm to 15 cm when compressed. Compression is to be performed with a lattice or smooth roller (e.g. sleeve width 1.0 m, cylinder diameter 60 cm, weight 500 kg). The height of the turf-bearing layer surface may deviate from the target height by no more than 2 cm. When checking the evenness, the stitch height below the 4-metre slat may not exceed 2 cm. If it is necessary to drive over the finished turf-bearing layer, only devices that apply a pressure to the ground of less than 0.6 kg/cm² may be used.

Tip: Yearly sanding with washed SCHERF quartz sand, 0.06-2 mm, is an essential measure for the long-term maintenance of the turf and to ensure its functionality. The amount of sand to be dispersed is approx. 5 l/m². For thatching or aeration, up to 10 l/m² can be applied. After sanding, it is essential that you spread for filling, in particular for aeration so that the holes that have been created are filled in.

	Big bag	1000 kg	1	1350 kg/m ³	90 04179 17309 2
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SUBSTRATE & FERTILIZER



Lawn soil

For creating new lawn surfaces. For renovation of existing lawn (compensating unevenness, improving humus content). For creating plant beds as a base for turf rolls.

Characteristics: Compost quality class A, clay and silt quartz sand.

Properties: Optimal quality substrate in accordance with ÖNORM L 1210, complies with the Austrian Fertilizer Ordinance 2004, a durable lawn within a few weeks, rapid germination and growth of the grass seeds, balanced nutrient content (light top-fertilization with nitrogen recommended in the second year), optimized water permeability and water storage capacity, reduced irrigation and maintenance effort, weed-free, microbiologically stable, no peat.

Use: The homogeneity and very fine, crumbly structure make possible easy, uniform use. Installed with a thickness of 10 to 20 cm. You should expect the height to drop by about 20%, the earth should be put in higher accordingly. Compacted ground should be loosened before installation. The lawn soil is distributed evenly with a rake. After that, quality seed is to be sown evenly on the surface and gently raked in. The surface is then lightly compacted with a smooth roller and watered daily (even after germination of the grass, the earth must be kept continuously moist). Mow for the first time at a height of approximately 10 cm. For plant beds, the layer thickness is approximately 20 cm. An additional start fertilisation of 1 kg horn chips per m² is recommended. 20 cm. Es wird eine zusätzliche Startdüngung in Form von 1 kg Hornspänen pro m² empfohlen.

0 – 10 mm	PE sack	25 kg	48	1100 kg/m ³	90 04179 05106 2
0 – 10 mm	Big bag	1000 kg	1	1100 kg/m ³	90 04179 05109 3



Lawn soil with water storage

For creating new lawn surfaces. For renovation of existing lawn (compensating unevenness, improving humus content). For creating plant beds as a base for turf rolls. Ideal for locations with longer dry periods.

Characteristics: Compost quality class A, clay and silt quartz sand, biochar

Properties: See Lawn soil and additionally:

- high water storage capacity through the addition of biochar (25% more water storage that can be used by plants, 25% fewer watering processes)
- biochar permanently increases the fertility of the soil, stores water and nutrients, buffers pollutants and permanently stores climate-damaging carbon
- the very high usable field capacity (water storage capacity available to plants) of biochar compared to other water-storing additives was proven in a research project commissioned by SCHERF

Use: See Lawn soil

0 – 10 mm	PE sack	20 kg	48	800 kg/m ³	90 04179 05116 1
0 – 10 mm	Big bag	1000 kg	1	800 kg/m ³	90 04179 05119 2



Chippings lawn – vegetation base layer

Substrate for creating green traffic areas that are not used permanently: Car parking spaces, event areas, campsites, drive-over green strips, footpaths and cycle paths, verge.

Characteristics: Limestone, compost quality class A

Properties: Complies with the FLL guidelines for planning, construction and maintenance of pavements that can be planted, water-permeable - no surface sealing, retains rainwater through high water storage capacity (surface drainage), less erosion, relief of the sewage system, cooler microclimate due to vegetation and evaporation compared to sealed surfaces, cost-effective production, low maintenance requirements.

Use: Detailed instructions can be found at www.scherf.at under the menu item "Downloads".



0 – 16 mm	Big bag	1000 kg	1	1650 kg/m ³	90 04179 05709 5
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Gravel lawn – vegetation base layer

Substrate for creating green traffic areas that are not used permanently: Car parking lots, event sites, camping sites, drive-over grass verges, footpaths and cycle paths, road verges.

Characteristics: Limestone, compost quality class A

Properties: See chippings lawn

Use: See chippings lawn

0 – 32 mm	Big bag	1000 kg	1	1650 kg/m ³	90 04179 05809 2
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Soil filter

Greenable soil substrate for the retention and decomposition of organic and inorganic substances from surface water of traffic areas. Used in soakaways and filter basins.

Characteristics: Round-grain quartz sands, compost quality class A, limestone

Properties: Crushed aggregate, finely ground, dry Complies with RVS 04.04.11 from 2020 "Water protection on roads", permeability coefficient between 1x10⁻⁵ and 1x10⁻⁴ m/s.

Use: The installed layer thickness of the bottom filter when set is 40 cm in filter basins and 30 cm in filter troughs. The material must not be compacted during installation. The layer structure according to RVS 04.04.11 must be observed (drainage layer, separation layer, soil filter).

0 – 10 mm	Bulk	1000 kg		1250 kg/m ³	90 04179 05500 8
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Garden potting soil

Peat-free, mineral soil mix for planting flower beds and vegetable gardens, planting trees and shrubs and as an intermediate layer in raised beds.

Characteristics: Organic compost quality class A+, field humus, quartz sand containing clay and silt

Properties: Easy to process, high water storage capacity, nutritious, peat-free, good plant tolerance.

Use: Recommended layer thicknesses: garden plant beds 20-30 cm, raised beds 30-50 cm.

0 – 10 mm	Big bag	1000 kg	1	1000 kg/m ³	90 04179 05409 4
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Organic compost

As long-term fertilizer for heavy, nutrient-poor soils. For mixing with topsoil as plant substrate.

Characteristics: compost quality class A+

Properties: Fine-grain fertilizer substrate of quality class A+ according to the Austrian compost ordinance, made from green waste and biogenic waste, approved for organic farming, high plant tolerance, brings organic matter, microorganisms and nutrients into the soil, promotes soil life, improves water balance and soil aeration, pH-value stabilizing, weed-free.

Use: To produce plant substrate for trees, shrubs, etc., mix with topsoil in a ratio of 1:1. As a fertiliser: apply 1-2 cm of compost to the surface of trees and shrubs, work compost into the soil of vegetable and flower beds (approx. 10 litres/m²), apply approx. 1 cm of compost to the surface of lawns with a rake.

0 – 10 mm	Big bag	1000 l	1	900 kg/m ³	90 04179 05309 7
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Primary rock flour, fine

Natural, volcanic soil additive for gardening and agriculture. For adjusting the pH value of acidic soils. Supports the formation of clay-humus complexes. Promotes the rotting of compost. As an odor binder in the organic waste garbage can or incorporated in the compost and manure heap or in the slurry tank. Improves the flowability of liquid manure. Protects against fungal diseases by leaf dusting. Deterring pests by dusting (biological plant protection). As a moisture and odor-binding additive for bedding in stables.

Characteristics: Crushed aggregate, finely ground, dry

Stone: basalt

Properties: pH value 8.34, rich in minerals and trace elements, contains 10.5% alkaline lime (CaO), fineness approx. 90% < 0.1 mm.

Use: Apply dry or stir in water and pour. After spreading, work the primary rock powder into the soil (rake in or mix in).

0 – 0,1 mm	Big bag	800 kg	1	1250 kg/m³	90 04179 08009 3
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Carbonated lime fertilizer

Lime fertilizer for garden and agriculture. To neutralize acid and increase the pH value in the soil.

Characteristics: Crushed aggregate, finely ground, dry

Stone: Limestone

Properties: Complies with the Austrian Fertilizer Regulation 2004 and the EU regulation 2013/1009 "Lime fertilizers", pH value 7.86, contains more than 75% alkaline lime (approx. 73% CaO + approx. 2% MgO), degree of fineness approx. 90% < 0.06 mm, acts against soil acidification (continuous CaO removal through crop yields and rain leaching, fertilization with acidic nitrogen fertilizers) and promotes the stability of the soil structure, promotes crumb formation and the biological activity of microorganisms, improves the nutrient absorption of plants and increases water storage capacity.

Use: Apply the lime fertilizer dry and work it into the soil (sprinkle, rake or mix in). For the correct dosage, a pH value analysis of the soil is recommended.

0 – 0,1 mm	Big bag	800 kg	1	1150 kg/m³	90 04179 08509 8
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Bark mulch

Conifer bark for natural soil protection.

Colour: Red-brown

Characteristics: Coniferous bark

Properties: Renewable natural product from Austria, PEFC certified, contains no tannic acid therefore plant friendly, minimizes the weed growth, regulates the soil temperature, protects the soil from dehydration in summer and frost in winter, microorganisms loosen the soil and improve fertility, erosion protection on slopes.

Use: Free the area from weeds. Rake the mulch to a thickness of max. 5 cm. A nitrogen fertilizer for example with horn chips is recommended.

0 – 40 mm	Big bag	1000 l	1	250 kg/m³	90 04179 07209 8
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Wood chips

Coniferous wood chips for mulching flower beds. Covering material for comfortable garden paths. Structural material for organic waste composting.

Colour: Natural

Characteristics: Conifer wood chips

Properties: Renewable natural product from Austria, PEFC certified, contains no tannic acid therefore plant friendly, minimizes the weed growth, regulates the soil temperature, protects the soil from dehydration in summer and frost in winter, microorganisms loosen the soil and improve fertility, hard-wearing and durable, erosion protection on slopes, air supply by admixture with the house compost, attractive flower bed and landscaping material.

Use: Free the area from weeds. Rake the wood chips to a thickness of max. 5 cm. A nitrogen fertilizer for example with horn chips is recommended.

0 – 50 mm	Big bag	1000 l	1	250 kg/m³	90 04179 06309 6
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BIOTOPE ISLANDS & BIODIVERSITY



Many species that no longer find a place in the cultivated landscape can find a new home in private gardens.

Flower meadow substrate

Substrate made from cohesive sand and gravel for nutrient-poor flower meadows. Wildflower meadows are a valuable habitat for insects such as wild bees and butterflies as well as for birds, amphibians, reptiles and mammals.

Colour: Brown

Characteristics: Round grain, unwashed

Properties: Low in nutrients, slightly cohesive - good water capacity, high water permeability, lime-free. Ideal growing conditions for poor meadow flowers.

Use: Detailed instructions can be found at www.scherf.at under the menu item "Downloads".



0 – 10 mm	PE sack	25 kg	48	1300 kg/m³	90 04179 02736 4
0 – 10 mm	Big bag	1000 kg	1	1300 kg/m³	90 04179 02739 5





Sandarium for wild bees

There are around 700 species of wild bees in Austria, 60% of which are ground nesting bees. Open areas of ground and edges of demolition as nesting sites are rarely found in the landscape. The sandarium in the garden is a substitute habitat for these endangered pollinators.

Colour: Brown

Characteristics: Round grain, unwashed



Properties: Ideal alluvial sand made of clay, silt and sand for nesting cavities for wild bees and other insects. Adjusted water content for compacting and hardening.

Use: Supplied as a kit. Detailed instructions can be found at www.scherf.at under the menu item "Downloads".

0 – 3 mm	Tandem-Bags	1000 kg	1	1300 kg/m ³	90 04179 02148 5
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Sand bath for birds

Bird sand bath for plumage care and parasite deterrence..

Colour: Gray

Characteristics: Round grain, washed

Properties: Ideal grain size for feather cleaning. Cleanly washed - without silt and clay components that can be washed off. Drains quickly.

Use: Dig a 30-50 cm deep depression in a sunny place, remove all of the humus and then fill the pit with the sand. Animal excrement must be removed regularly. It is recommended to replace at least the upper area with new sand after a year.

0,06 – 2 mm	Big bag	1000 kg	1	1400 kg/m ³	90 04179 13249 5
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Clay hollow for swallows

Building material for swallows to build nests. Also ideal for children to mud and muddle in.

Colour: Brown

Characteristics: Round grain

Properties: Natural, sifted clay. Swells when wet and shrinks when dry.

Use: Dig a depression at least 10 cm deep in a weathered and sunny place, removing all of the humus.

The hollow must be slightly deeper than the adjacent green. When it rains, the water cannot seep away and collects in the hollow. After the water has evaporated, the moist clay remains. During dry periods, the surface becomes hard and develops shrinkage cracks. The area should be kept moist in spring for the swallows.

0 – 5 mm	Big bag	1000 kg	1	1300 kg/m ³	90 04179 02359 5
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Stone chunks for piles, walls & design, Jupiter-multicoloured

Sunning and hiding places for reptiles, amphibians, insects and small mammals in the form of piles of stones or stone lenses on embankments. As a design and structural element in gardening and landscaping. For building dry stone walls.

Characteristics: Chunks, washed

Stone: Limestone

Properties: Washed out limestones in warm ochre tones.

Use: Detailed instructions can be found at www.scherf.at under the menu item "Downloads".

100 – 500 mm	Wood frame	1000 kg	1		90 04179 51949 4
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PLANT GRANULES

Recommended by the Society of Austrian Cactus Friends

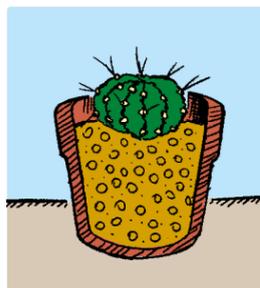
(founded in 1931)



Characteristics

- Purely mineral - no organics
- structurally stable
- no waterlogging
- high air void volume
- high water and nutrient storage capacity and optimal supply of the roots
- promotes root development and ensures healthy and strong root growth
- biological control of fungus gnats when used as a mineral covering material

Application



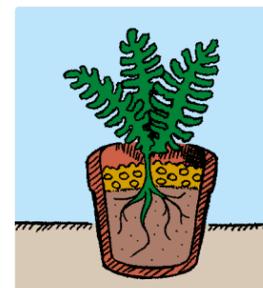
Sowing & growing substrate



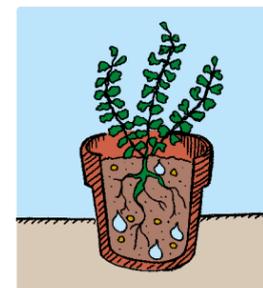
Drainage material



Hydroponic substrate



Decorative covering material



Water storage as a mixing component



Sowing & care instructions

www.scherf.at, "Downloads"



Free application tips

www.cactusaustria.at

Cactus and succulent substrate

As a purely mineral substrate or as a mixed component for growing substrates. Suitable for all plants, especially cacti and other succulents. Drainage material in planters to prevent waterlogging and root rot. Decorative covering material and mineral plant protection for planters. Developed with the Society of Austrian Cactus Friends

Colour: Multicolour

Stone: Pumice, lava, zeolite, quartz gravel

Lagerung: Store opened pallets in a dry place.

2 - 5 mm	PE sack	7 l	60*	90 04179 09404 5
2 - 5 mm	Big bag	1000 l	1	90 04179 09409 0



Pumice gravel sowing substrate

As a purely mineral sowing substrate or as a mixed component for sowing substrates. Suitable for all plants, especially cacti and other succulents.

Colour: Beige

Stone: Pumice

Characteristics: Round grain, washed

Storage: Store opened pallets in a dry place.

0,5 - 2 mm	PE sack	7 l	60*	90 04179 09114 3
0,5 - 2 mm	Big bag	1000 l	1	90 04179 09119 8



Pumice gravel growing substrate

As a purely mineral substrate or as a mixed component for growing substrates. Suitable for all plants, especially cacti and other succulents. Drainage material in planters to prevent waterlogging and root rot. Decorative covering material and mineral plant protection for planters.

Colour: Beige

Stone: Pumice

Characteristics: Round grain, washed

Storage: Store opened pallets in a dry place.

4 - 8 mm	PE sack	7 l	60*	90 04179 09614 8
4 - 8 mm	Big bag	1000 l	1	90 04179 09619 3



Pumice hydroponic substrate

Planting substrate for hydroponics, drainage material in planters to prevent waterlogging and root rot, decorative covering material and mineral plant protection for planters, bed display plantings.

Colour: Beige

Stone: Pumice

Characteristics: Round grain, washed

Storage: Store opened pallets in a dry place.

8 - 16 mm	PE sack	7 l	60*	90 04179 09814 2
8 - 16 mm	Big bag	1000 l	1	90 04179 09819 7



Lava sowing substrate

As a mixing component for sowing substrates. Suitable for all plants, especially cacti and other succulents.

Colour: Red-brown

Stone: Volcanic lava

Characteristics: Crushed aggregate

Storage: Store opened pallets in a dry place.

0 - 3 mm	PE sack	7 l	60*	90 04179 09224 9
0 - 3 mm	Big bag	1000 l	1	90 04179 09229 4





Lava-growing substrate

As a purely mineral substrate or as a mixed component for growing substrates. Suitable for all plants, especially cacti and other succulents. Drainage material in planters to prevent waterlogging and root rot. Decorative covering material and mineral plant protection for planters.

Colour: Red-brown

Stone: Volcanic lava

Characteristics: Crushed aggregate

Storage: Store opened pallets in a dry place.

3 – 5 mm	PE sack	7 l	60*	90 04179 09524 0
3 – 5 mm	Big bag	1000 l	1	90 04179 09529 5



Terracotta growing substrate

As a purely mineral substrate or as a mixed component for growing substrates. Suitable for all plants, especially cacti and other succulents. Drainage material in planters to prevent waterlogging and root rot. Decorative covering material and mineral plant protection for planters.

Colour: Brick-red

Stone: Fired clay

Characteristics: Crushed aggregate

Storage: Store opened pallets in a dry place.

2 – 4 mm	PE sack	7 l	60*	90 04179 09434 2
2 – 4 mm	Big bag	1000 l	1	90 04179 09439 7



Zeolite water storage for sowing

Mineral water storage as a mixing component for sowing substrates. Suitable for all plants, especially cacti and other succulents.

Colour: Beige

Stone: Zeolite

Characteristics: Crushed aggregate

Storage: Store opened pallets in a dry place.

0 – 3 mm	PE sack	7 l	60*	90 04179 09244 7
0 – 3 mm	Big bag	1000 l	1	90 04179 09249 2



Zeolite water storage for growing substrate

Mineral water storage as a mixing component for growing substrate. Suitable for all plants, especially cacti and other succulents.

Colour: Beige

Stone: Zeolite

Characteristics: Crushed aggregate

Storage: Store opened pallets in a dry place.

3 – 6 mm	PE sack	7 l	60*	90 04179 09544 8
3 – 6 mm	Big bag	1000 l	1	90 04179 09549 3



POOL & POND

Filter sand

Filter sand for water purification filter.

Characteristics: Round grain, fire-dried

Properties: SiO₂ percentage >96%, ultra pure, pH-neutral, sterile, natural, lime-free.

Use: Backwash before the first use so that the sand is cleaned of abrasion dust.

0,4 – 0,8 mm	PE sack	25 kg	48	1400 kg/m ³	90 04179 17566 9
0,71 – 1,25 mm	PE sack	25 kg	48	1400 kg/m ³	90 04179 17666 6
1 – 2 mm	PE sack	25 kg	40	1500 kg/m ³	90 04179 17866 0
1 – 2 mm	Big bag	1000 kg	1	1500 kg/m ³	90 04179 17869 1



Filter gravel

Filter gravel for water purification filter.

Characteristics: Round grain, fire-dried

Properties: SiO₂ percentage >96%, ultra pure, pH-neutral, sterile, natural, lime-free.

Use: Backwash before the first use so that the gravel is cleaned of abrasion dust.

2 – 3,15 mm	PE sack	25 kg	40	1550 kg/m ³	90 04179 17966 7
2 – 3,15 mm	Big bag	1000 kg	1	1550 kg/m ³	90 04179 17969 8
3,15 – 5,6 mm	PE sack	25 kg	40	1550 kg/m ³	90 04179 18066 3
3,15 – 5,6 mm	Big bag	1000 kg	1	1550 kg/m ³	90 04179 18069 4



Filter glass sand

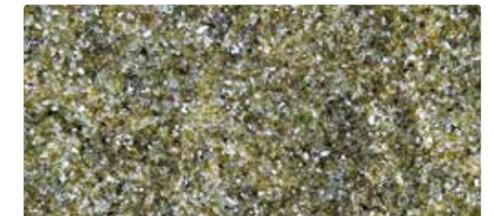
Glass granulate as filter medium for water purification filters.

Characteristics: Crushed aggregate, fire-dried

Properties:

- High-performance alternative to quartz sand
- Crystal-clear water thanks to a higher filtration grade
- No clumping or encrusting
- 50 % reduced backflushing time (less waste of water and chemicals)
- Higher filter purity after backflushing
- Reduced need for chlorine and chlorine odour
- Lower microbial contamination risk
- Longer usage duration
- 20 % shorter filtration time thanks to higher flow rate
- 20 % less material required thanks to lower bulk density

0,7 – 1,3 mm	PE sack	20 kg	48	1250 kg/m ³	90 04179 17655 0
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Pool sea salt

Pure sea salt for hygienically clean and clear pool water.

Characteristics: Skin-friendly, fine-grained, highly soluble, suitable for all salt electrolysis systems.

0 – 1 mm	PE sack	25 kg	40	1200 kg/m ³	90 04179 84006 2
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Pond gravel

Low-phosphorus limestone gravel for use in biologically-treated bodies of water.

Colour: Colourful grey

Stone: Limestone / Dolomit

Characteristics: Round grain, washed

Properties: Qualified as suitable, low in phosphorus - less algae and biofilm growth by limiting nutrients, constant replacement of limestone for regulating the PH, 80-90% carbonate stone, frost-resistant.

16 – 32 mm	Big bag	1000 kg	1	1650 kg/m ³	90 04179 32219 3
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AQUARIUMS



Aquarium sand (quartz sand), Beige

Natural quartz sand for use as substrate for aquariums.

Colour: Beige

Characteristics: Round grain, washed, fire-dried

Properties: SiO₂ percentage >90%, natural, acid-resistant, lime-free.

0,4 – 0,8 mm	PE sack	10 kg	1	1400 kg/m ³	90 04179 14474 0
0,4 – 0,8 mm	PE sack	25 kg	48	1400 kg/m ³	90 04179 14476 4



Aquarium gravel (quartz gravel), Beige

Natural quartz sand for use as substrate for aquariums.

Colour: Beige

Characteristics: Round grain, washed, fire-dried

Properties: SiO₂ percentage >90%, natural, acid-resistant, lime-free.

1 – 2 mm	PE sack	5 kg	1	1500 kg/m ³	90 04179 15173 1
1 – 2 mm	PE sack	10 kg	1	1500 kg/m ³	90 04179 15174 8
1 – 2 mm	PE sack	25 kg	48	1500 kg/m ³	90 04179 15176 2
2 – 4 mm	PE sack	5 kg	1	1550 kg/m ³	90 04179 15673 6
2 – 4 mm	PE sack	10 kg	1	1550 kg/m ³	90 04179 15674 3
2 – 4 mm	PE sack	25 kg	48	1550 kg/m ³	90 04179 15676 7
4 – 8 mm	PE sack	5 kg	1	1550 kg/m ³	90 04179 15873 0
4 – 8 mm	PE sack	10 kg	1	1550 kg/m ³	90 04179 15874 7
4 – 8 mm	PE sack	25 kg	48	1550 kg/m ³	90 04179 15876 1



Aquarium sand (quartz sand), White

Natural quartz sand for use as substrate for aquariums.

Colour: White

Characteristics: Round grain, washed, fire-dried

Properties: SiO₂ percentage >90%, natural, acid-resistant, lime-free.

0,4 – 0,8 mm	PE sack	10 kg	1	1400 kg/m ³	90 04179 14484 9
0,4 – 0,8 mm	PE sack	25 kg	48	1400 kg/m ³	90 04179 14486 3



Aquarium gravel (quartz gravel), White

Natural quartz sand for use as substrate for aquariums.

Colour: White

Characteristics: Round grain, washed, fire-dried

Properties: SiO₂ percentage >90%, natural, acid-resistant, lime-free.

2 – 4 mm	PE sack	5 kg	1	1500 kg/m ³	90 04179 15683 5
2 – 4 mm	PE sack	25 kg	48	1500 kg/m ³	90 04179 15686 6



TIP

Upon request, we can also offer coloured aquarium sand in various container sizes and real sea shells.

WINTER



The material is delivered in different colours depending on availability!

Grit and paving chippings

Grit on pavements, roads and squares. Bedding material for paving and slabbed surfaces in an unbound structure. Bulk material for floor structures in interior design. Joint chips for water-permeable, ecological paving stone joints (joint width > 8 mm). For filling lattice stone paving on lawns. Aggregate for chipping concrete.

Characteristics: Complies with the execution conditions of the ÖNORM B 2214 paving work contract standard (no round grains) and the requirements of RVS 08.18.01 "Paving stone and paving slab surfaces, kerbs" for load class 1.3 according to RVS 03.08.63, meets the TL-Spread standards, dust content < 0.063 mm max 1%, high abrasion resistance (low dust development), does not cause corrosion, does not compact (no unevenness), water-permeable, natural, frost-resistant, lime-free, CE marked.

Storage: Store opened pallets in a dry place.

2 - 4 mm	PE sack	25 kg	48	1350 kg/m ³	90 04179 30116 7
4 - 8 mm	PE sack	25 kg	48	1350 kg/m ³	90 04179 30216 4



Basalt grit

Grit on pavements, roads and squares.

Colour: Anthracite

Stone: Basalt

Characteristics: High-grade crushed aggregate, dry. Store in a cool dry place!

Properties: Complies with RVS 12.04.16 - SPREADING MATERIAL (Type 1-S approved in redevelopment areas in accordance with IG-L), TL spreading materials as well as the Styrian clean air act and the Viennese winter road maintenance regulation. No danger of silicosis as it is quartz free, dust content < 0.063 mm max 1%, high abrasion resistance (minimal dust formation), does not cause corrosion, natural, frost-resistant.

Storage: Store opened pallets in a dry place.

2 - 4 mm	PE sack	25 kg	48	1500 kg/m ³	90 04179 30176 1
2 - 4 mm	Big bag	1000 kg	1	1500 kg/m ³	90 04179 30179 2
4 - 8 mm	PE sack	25 kg	48	1500 kg/m ³	90 04179 30276 8
4 - 8 mm	Big bag	1000 kg	1	1500 kg/m ³	90 04179 30279 9

FLOOD PROTECTION



Sandbag for flood protection, filled

For support of entrances, garage doors, cellar doors and windows. For construction of dams. As a precaution in case of an emergency.

Colour: White

Characteristics: PE flat bag non-slip, quartz sand unwashed 0-8 mm

Properties: Easy handling due to low weight. Stable and fast stacking due to rectangular shape.

Use: Stack the bags in a wall bond, layering them on top of each other. Tap each bag flat for a stable layering. Used bags should be disposed of due to possible contamination. Dry bags can be reused. 3-4 bag is required per linear meter. One bag row is approximately 8 cm high.

Storage: Store in a dry and dark place.

approx. 40 x 55 cm	PE sack	1 pc. (approx. 17,5 kg)	60	90 04179 02605 3
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Information video on the application of flood protection sacks

Source: State of Upper Austria / Interreg project "AB308 Flood Awareness"

Sandbag for flood protection, empty

For support of entrances, garage doors, cellar doors and windows. For construction of dams. As ballast for vehicles and ships. Weighing down signs and tents.

Colour: White

Characteristics: PP woven sack

Properties: UV stabilised and tear-resistant sack (79 g/m²)

Use: Sacks that remained dry can be reused. 3-4 Sacks are needed per running meter.

A row of sacks is about 8 cm high.

Storage: Store in a dry and dark place.

40 x 70 cm	PP sack	1 pc.	50	90 04179 02395 3
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i Our natural products are subject to variation in colour, texture and size. Due to the nature of the printing process, the images may not correspond to the actual material colour.

i The declarations of performance for our construction products which are in line with the EU construction product regulation (ConstructionPVo, EU regulation 305/2011) can be found on our website www.scherf.at under „Products“.



CONSTRUCTION

PAVING

Size/grain | Packaging | Unit | Units/pallet | Bulk density | EAN code



The material is delivered in different colours depending on availability!

Paving chippings

Bedding material for paving and slabbed surfaces in an unbound structure. Joint chips for water-permeable, ecological paving stone joints (joint width > 8 mm). For filling lattice stone paving on lawns. Aggregate for chipping concrete.

Characteristics: High-grade crushed aggregate

Properties: Complies with the execution conditions of ÖNORM B 2214 Pavement Works Contract Standard (no rounded grains) and the requirements of RVS 08.18.01 "Paving Stone and paving slab surfaces, kerbs" for load class 1.3 according to RVS 03.08.63, high abrasion resistance, does not cause corrosion, does not compact (no unevenness), water-permeable, natural, frost-resistant, lime-containing, CE marked.

2 – 4 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 30126 6
2 – 4 mm	Big bag	1000 kg	1	1500 kg/m³	90 04179 30119 8
2 – 8 mm	Big bag	1000 kg	1	1500 kg/m³	90 04179 30319 2
4 – 8 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 30226 3
4 – 8 mm	Big bag	1000 kg	1	1500 kg/m³	90 04179 30219 5



Recycled material

Paving chippings (Concrete recycling)

Environmentally friendly recycled bedding material for paving and slab coverings in unbound construction. Joint chips for water-permeable, ecological paving joints (joint width > 8 mm). For filling lattice stone paving on lawns. Aggregate for chipping concrete.

Stone: Concrete recycling

Characteristics: Crushed aggregate

Properties: For light loads, does not compact (no unevenness), permeable to water, contains lime, environmentally friendly.

2 – 4 mm	Big bag	1000 kg	1	1350 kg/m³	90 04179 30149 5
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Joint sand (quartz sand), Beige

For grouting paving and slabbed surfaces made of concrete blocks, natural stone and brick.

Colour: Beige

Stone: Quartz

Characteristics: Round grain, fire-dried

Properties: Optimum flow properties, cohesive thanks to fine particles, natural, frost-resistant, lime-free.

Use: Processed using an unbound construction method: Apply joint sand into the joints on the dry paving surface with a brush or with a squeegee and cover with lots of water. Fill the joints up to the full height.

After grouting the surface, sweep it clean and riddle several times both lengthways and crosswise with a suitable vibrating plate and sufficient addition of water. Fill with joint sand again, slurry and sweep the dust off. The paved area can be used and driven on immediately after vibrating. One sack is enough for 4-7 m² depending on the joints.

Storage: Store opened pallets in a dry place.

* 0 – 1,5 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 12026 3
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* 3 – 5 mm joint width



To ensure sufficient filter stability and long-term water permeability of the bedding, the RVS 08.18.01 standard recommends the following combinations of bedding and jointing materials:

Jointing material		0 – 2 mm	0 – 4 mm	0 – 8 mm
Bedding material (paving grit)	2 – 4 mm	✓	✓	
	2 – 8 mm		✓	✓

The joint sand grain sizes 0–4 mm and 0–8 mm according to RVS 08.18.01 standard, are available on request (from 8 tons).

Joint sand, Light beige

For grouting paving and slabbed surfaces made of concrete blocks, natural stone and brick.

Colour: Light beige

Stone: Quarzite

Characteristics: High-grade crushed aggregate, dry

Properties: Complies with the execution conditions of ÖNORM B 2214 paving works contract standard (no rounded grains) and the requirements of RVS 08.18.01 "paving stone and paving slab surfaces, kerbs" for load class 1.3 according to RVS 03.08.63 (only grain size 0-2 mm), as well as the ZTV Pflaster-StB 06 and TL Pflaster-StB 06, providing permanent and stable joints through crushed grain, reduced filler content, does not sink into the bedding, natural, frost-resistant, free of lime.

Use: See joint sand (quartz sand), beige

Storage: Store opened pallets in a dry place.

* 0 – 2 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 12116 1
** 1 – 3 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 12716 3

* 3 – 5 mm joint width

** 5 – 10 mm joint width



Joint sand, Light grey

For grouting paving and slabbed surfaces made of concrete blocks and natural stone.

Colour: Light grey

Stone: Limestone

Characteristics: High-grade crushed aggregate, dry

Properties: Complies with the execution conditions of ÖNORM B 2214 paving works contract standard (no rounded grains) and the requirements of RVS 08.18.01 "paving stone and paving slab surfaces, kerbs" for load classes 0.4, 0.1, and 0.05 according to RVS 03.08.63 (only grain size 0-2 mm), as well as the ZTV Pflaster-StB 06 and TL Pflaster-StB 06, providing permanent and stable joints through crushed grain, reduced filler content, does not sink into the bedding, natural, frost-resistant, and lime-containing.

Use: See joint sand (quartz sand), beige

Storage: Store opened pallets in a dry place.

* 0 – 2 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 12136 9
** 1 – 3 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 12736 1

* 3 – 5 mm joint width

** 5 – 10 mm joint width



Joint sand, weed-inhibiting, concrete gray

Weed-inhibiting and environmentally friendly recycled joint material for grouting paving and slab coverings made of concrete block and natural stone.

Colour: concrete-gray

Stone: Concrete recycling

Characteristics: Crushed aggregate, fire-dried

Properties: Impedes weed growth due to high pH value, durable and stable joints due to crushed aggregate and fines, for surfaces with low load-bearing capacity, reduced filler content, contains lime, environmentally friendly.

Use: See joint sand (quartz sand), beige

Storage: Store opened pallets in a dry place.

* 0 – 2 mm	PE sack	25 kg	48	1550 kg/m³	90 04179 12146 8
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* 3 – 5 mm joint width



Recycling Material

Joint sand, Anthracite (dry)

For grouting paving and slabbed surfaces made of concrete blocks, natural stone and brick.

Colour: Anthracite

Stone: Basalt

Characteristics: High-grade crushed aggregate, dry

Properties: See joint sand, light beige

Use: See joint sand (quartz sand), beige

Storage: Store opened pallets in a dry place.

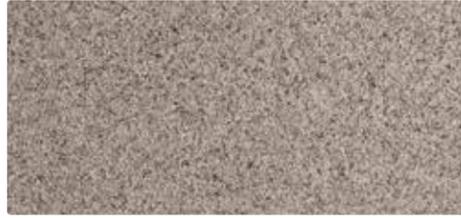
* 0 – 2 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 12156 7
** 1 – 3 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 12756 9

* 3 – 5 mm joint width

** 5 – 10 mm joint width



AGGREGATES



Fine quartz sand

Aggregate for tile grout. For emaciating tile adhesives. For grouting paving stones with joints of < 2 mm.
Characteristics: Round grain, washed, fire-dried
Properties: Ideal processing characteristics, abrasion-resistant (hardness 7 on the Mohs' scale of hardness), natural, resistant to frost and thawing salt, lime-free.
Storage: Store opened pallets in a dry place.

0,06 – 0,3 mm	PE sack	25 kg	48	1400 kg/m ³	90 04179 13066 8
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Quartz sand

Available in different grain sizes. For a variety of uses.
Characteristics: Round grain, washed, fire-dried
Properties: Ideal processing characteristics, abrasion-resistant (hardness 7 on the Mohs' scale of hardness), natural, resistant to frost and thawing salt, lime-free.
Storage: Store opened pallets in a dry place.

0,06 – 1 mm	PE sack	25 kg	48	1400 kg/m ³	90 04179 13166 5
0,3 – 1 mm	PE sack	25 kg	48	1400 kg/m ³	90 04179 14166 4
0,3 – 2 mm	PE sack	25 kg	48	1400 kg/m ³	90 04179 14366 8
0,4 – 0,8 mm	PE sack	25 kg	48	1400 kg/m ³	90 04179 14466 5
0,7 – 1,2 mm	PE sack	25 kg	48	1400 kg/m ³	90 04179 14766 6



Quartz sand

0,06 – 1 mm: Aggregate for mortar and plaster. Low-dust footing for riding arenas.
0,1 – 1 mm: Aggregate for: Fine plaster for interior and exterior surfaces, loam plaster, plaster grout, repair mortar. Top dressing sand for golf courses.
0,06 – 2 mm: Aggregate for: Fine plaster for interior and exterior surfaces, loam plaster, pavement joint mortar, repair mortar. Bunker sand for golf courses. Sand for turf-bearing layers in sport grounds construction. For sanding sports grounds.
0,5 – 2 mm: Material for concrete paving stones.

Characteristics: Round, washed
Properties: Optimal workability, abrasion-resistant (hardness 7 on the mohs scale of hardness) SiO₂ proportion > 90%, natural, frost- and salt-resistant, lime-free. CE mark.

0,06 – 1 mm	Big bag	1000 kg	1	1400 kg/m ³	90 04179 13149 8
0,06 – 2 mm	Big bag	1000 kg	1	1500 kg/m ³	90 04179 13349 2
0,3 – 2 mm	Big bag	1000 kg	1	1500 kg/m ³	90 04179 14649 2



Cable sand

Bedding material for cables, pipes and tanks in underground construction.
Characteristics: Round grain

0 – 5 mm	Bulk	1000 kg		1400 kg/m ³	90 04179 02300 7
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Masonry and plaster sand

Aggregate for: Masonry mortar, coarse plaster for interior and exterior surfaces, pre-treatment.
Characteristics: Round grain
Properties: High plaster hardness, ideal grading curve, optimum processing characteristics, natural, frost-resistant, lime-free, CE marked.

0 – 5 mm	PE sack	25 kg	48	1500 kg/m ³	90 04179 10006 7
0 – 5 mm	Big bag	1000 kg	1	1500 kg/m ³	90 04179 10009 8



Marble sand (fine plaster sand)

Aggregate for: White finishing plaster for interior and exterior surfaces, repair mortar.
Colour: White
Characteristics: Crushed aggregate, dusted
Properties: High degree of whiteness, optimum smoothing and processing qualities, natural, frost-resistant.

0 – 1 mm	PE sack	25 kg	48	1500 kg/m ³	90 04179 40116 4
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Abrasive sand (cutting sand, fine plaster sand)

Aggregate for: Fine plaster for interior and exterior surfaces, pavement fixing mortar, repair mortar.
Characteristics: Round, washed
Properties: High plastering hardness, optimum smoothing and processing characteristics, natural, frost-resistant, CE marked.

0,06 – 1 mm	PE sack	25 kg	48	1300 kg/m ³	90 04179 10526 0
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Screed sand (concrete sand)

Aggregate for: Screeds, bedding mortar for natural and concrete slabs and paving stones, low-thickness concrete, masonry mortar for natural stone walls, rustic plaster with coarse structure (sgraffito).
Characteristics: Round grain, washed
Properties: Complies with EN 12620 aggregate for concrete, for high-strength screeds free from cracks, can be processed mechanically and manually, optimum smoothing and processing characteristics, natural, frost-resistant, CE marked.

0,06 – 4 mm	PE sack	25 kg	48	1600 kg/m ³	90 04179 11026 4
0,06 – 4 mm	Big bag	1000 kg	1	1600 kg/m ³	90 04179 11029 5
0,06 – 8 mm	PE sack	25 kg	48	1600 kg/m ³	90 04179 11226 8
0,06 – 8 mm	Big bag	1000 kg	1	1600 kg/m ³	90 04179 11229 9



Concrete ballast (gravel concrete)

Aggregate for concrete.
Characteristics: Round grain, washed
Properties: Complies with EN 12620 aggregate for concrete, optimum smoothing and processing characteristics, natural, frost-resistant, CE marked.

0 – 16 mm	PE sack	25 kg	48	1700 kg/m ³	90 04179 31206 4
0 – 16 mm	Big bag	1000 kg	1	1700 kg/m ³	90 04179 31209 5



CONSTRUCTION GRAVEL & GRAVEL

NEW

8-16 mm
PE sack



Round gravel

4-8 mm: Aggregate for concrete. Filter gravel in plant-based purification systems and in pond construction. Fall-protection gravel. Pavement for sidewalks and parking lots.
8-16 mm: Aggregate for concrete, surfacing for pavements and car parks. Pond construction.
16-32 mm: Drainage gravel. Backfill of building foundations and basements. Gravel layer under foundation slabs. Pond construction.
32-50 mm: Pond construction. Springs. Eaves gravel.

Stone: Quartz

Characteristics: Round grain, washed

Properties: Complies with EN 12620 aggregate for concrete, natural, frost-resistant, CE marked, lime-free, complies with ÖNORM L 1128 - swimming ponds and natural pools (with low phosphor content - less algae and biofilm growth due to nutrient limitation).

4 - 8 mm	PE sack	25 kg	48	1650 kg/m³	90 04179 32006 9
4 - 8 mm	Big bag	1000 kg	1	1650 kg/m³	90 04179 32009 0
8 - 16 mm	PE sack	25 kg	48	1650 kg/m³	90 04179 32106 6
8 - 16 mm	Big bag	1000 kg	1	1650 kg/m³	90 04179 32109 7
16 - 32 mm	PE sack	25 kg	48	1650 kg/m³	90 04179 32206 3
16 - 32 mm	Big bag	1000 kg	1	1650 kg/m³	90 04179 32209 4
32 - 50 mm	Big bag	1000 kg	1	1600 kg/m³	90 04179 32409 8



Roof gravel

Flat roof gravelling, eave gravelling, pond construction.

Stone: Quartz

Characteristics: Round, double-washed

Properties: Without adhesive grains and fine particles, natural, frost-resistant, CE marked, lime-free, pneumatic transportation (blowing onto the roof) may cause grain breakdown – no reason for complaint! Complies with DIN 18531-2 for the waterproofing of roofs, balconies, loggias, and verandas; also complies with ÖNORM L 1128 – swimming ponds and natural pools (phosphorus-poor – reduced algae and biofilm growth due to nutrient limitation).

16 - 32 mm	Big bag	1000 kg	1	1650 kg/m³	90 04179 32229 2
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Broken gravel

0 - 32 mm: Upper unbound base layer in road and path construction. Trench filling material.
20 - 40 mm: Drainage gravel. Backfilling of building foundations and cellars. Aggregate layer under foundation slabs.
40 - 70 mm: Aggregate layer under foundation slabs. Backfilling of gabion retaining walls.

Stone: Quarzite

Characteristics: Crushed

Properties: It complies with EN 13242 Aggregates for unbound and hydraulically bound mixtures for civil engineering work and road construction, natural, frost-resistant, lime-free.

0 - 32 mm	Big bag	1000 kg	1	1800 kg/m³	90 04179 33119 5
20 - 40 mm	Big bag	1000 kg	1	1500 kg/m³	90 04179 33619 0



GRIT

Grit

Surface treatment of metal, concrete, wood and glass: Cleaning, rust removal, paint stripping, grinding, preparing for gluing or coating, concrete repair.

Colour: Grey

Stone: Ground granulated blast-furnace slag

Characteristics: Fire-dried, dusted

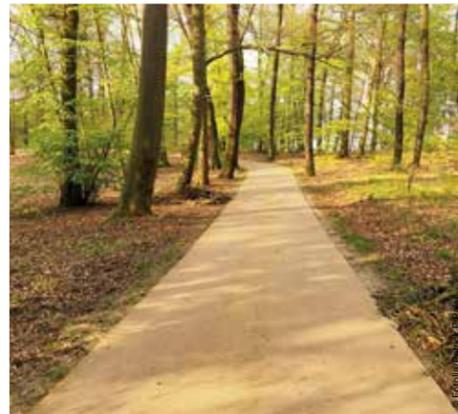
Properties: Synthetic, mineral disposable blasting material, 6-7 thickness of the Mohs scale of hardness, sharp-edged, free of silicic acid <1% (no danger of silicosis, complies with the protection of employees regulation).

Storage: Store opened pallets in a cool dry place.

0,2 - 0,5 mm	PE sack	25 kg	48	1100 kg/m³	90 04179 16036 8
0,5 - 1 mm	PE sack	25 kg	48	1100 kg/m³	90 04179 16536 3
0,5 - 2 mm	PE sack	25 kg	48	1100 kg/m³	90 04179 16636 0
1 - 2 mm	PE sack	25 kg	48	1100 kg/m³	90 04179 16736 7



WATER-BOUND SURFACES



Natural, unsealed surfaces for footpaths, cycling paths, market places, tree grates, garden paths or boules courts.

Areas of use

- Parks
- Green spaces
- Historical settings
- Company premises
- Private gardens
- Driveways
- Beer gardens
- School playgrounds
- Sports venues
- Bicycle paths

Characteristics/description

- The grading curve complies with the FLL Technical Report on the planning, construction, and maintenance of water-bound paths (2007)
- Doesn't contain any hydraulic, bituminous or organic binders, or any plastics
- Homogeneous, moist from soil and therefore ready-to-use mix
- Kind to joints and comfortable to walk on
- Less urban overheating than with asphalt
- No soil sealing
- Water storage capacity and continuous feed back of water during dry periods, thus improvement of micro-climate near to the surface and drainage system also relieved
- Different colours give creative freedom

Dynamic layer:

- Same stone if top layer suffers wear and tear
- Gravel size transition from the base layer to the top layer
- Stores water and distributes it during dry periods
- Increases resilience
- Improves filter stability



Chateau beige



Gold ochre



Danube blue



Silver grey



Mouse grey



Pebble gray

Double layer construction – 5 mm surface grain

Construction

- A** 4 cm top layer
- B** 6-8 cm dynamic layer
- C** ≥ 12 cm loose base layer, e.g. 0-32 mm SCHERF broken gravel
- D** Construction ground
- E** Bordering, e.g. SCHERF 'Alu-Heavy' or 'Blank-Heavy' grass border (12 cm high)
- F** Screed or grit concrete foundation
- G** Grit concrete foundation



Detailed instructions can be found at www.scherf.at under the menu item "Downloads".

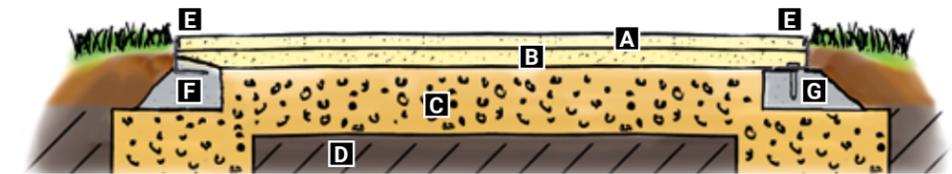
Single layer construction – 8 mm surface grain

Construction

- A** 4 cm top layer
- B** ≥ 12 cm loose base layer, e.g. 0-32 mm SCHERF broken gravel
- C** Construction ground
- D** Bordering, e.g. SCHERF 'Alu-Heavy' or 'Blank-Heavy' grass border (5 cm high)
- E** Screed or grit concrete foundation
- F** Grit concrete foundation



Detailed instructions can be found at www.scherf.at under the menu item "Downloads".



Top layer

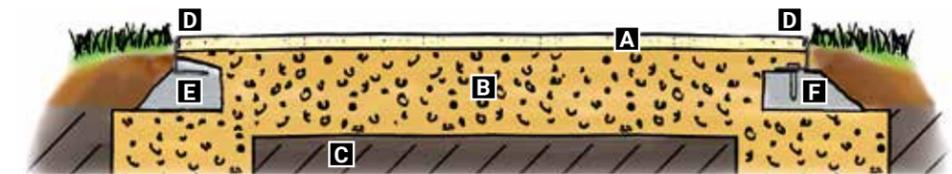
Characteristics: Crushed aggregate

Colour	Size/grain	Packaging	Unit	Units/pallet	Bulk density uncompressed	EAN code	Installation thickness in mm	kg/m ² approx.
Chateau beige	0 – 5 mm	Big bag	1000 kg	1	1450 kg/m ³	90 04179 04109 4	40	77
Gold ochre	0 – 5 mm	Big bag	1000 kg	1	1450 kg/m ³	90 04179 04119 3	40	77
Danube blue	0 – 5 mm	Big bag	1000 kg	1	1450 kg/m ³	90 04179 04129 2	40	77
Silver grey	0 – 5 mm	Big bag	1000 kg	1	1450 kg/m ³	90 04179 04139 1	40	77
Mouse grey	0 – 5 mm	Big bag	1000 kg	1	1450 kg/m ³	90 04179 04149 0	40	77

Dynamic layer

Characteristics: Crushed aggregate

Colour	Size/grain	Packaging	Unit	Units/pallet	Bulk density uncompressed	EAN code	Installation thickness in mm	kg/m ² approx.
Chateau beige	0 – 11 mm	Big bag	1000 kg	1	1350 kg/m ³	90 04179 04409 5	70	125
Gold ochre	0 – 11 mm	Big bag	1000 kg	1	1350 kg/m ³	90 04179 04419 4	70	125
Danube blue	0 – 11 mm	Big bag	1000 kg	1	1350 kg/m ³	90 04179 04429 3	70	125
Silver grey	0 – 11 mm	Big bag	1000 kg	1	1350 kg/m ³	90 04179 04439 2	70	125
Mouse grey	0 – 11 mm	Big bag	1000 kg	1	1350 kg/m ³	90 04179 04449 1	70	125



Top layer

Characteristics: Crushed aggregate

Colour	Size/grain	Packaging	Unit	Units/pallet	Bulk density uncompressed	EAN code	Installation thickness in mm	kg/m ² approx.
Chateau beige	0 – 8 mm	Big bag	1000 kg	1	1450 kg/m ³	90 04179 04209 1	40	77
Gold ochre	0 – 8 mm	Big bag	1000 kg	1	1450 kg/m ³	90 04179 04219 0	40	77
Danube blue	0 – 8 mm	Big bag	1000 kg	1	1450 kg/m ³	90 04179 04229 9	40	77
Silver grey	0 – 8 mm	Big bag	1000 kg	1	1450 kg/m ³	90 04179 04239 8	40	77
Mouse grey	0 – 8 mm	Big bag	1000 kg	1	1450 kg/m ³	90 04179 04249 7	40	77

Barefoot top layer

Characteristics: Round grain

Colour	Size/grain	Packaging	Unit	Units/pallet	Bulk density uncompressed	EAN code	Installation thickness in mm	kg/m ² approx.
Pebble gray	0 – 8 mm	Big bag	1000 kg	1	1700 kg/m ³	90 04179 04259 6	40	90

STONE CARPETS



Quartz gravel and hard stone chippings for the production of resin-bound, durable, permeable, and decorative floor coverings for both indoor and outdoor use.

Processing

Processing and material quantity according to the manufacturer's specifications for the binder (epoxy resin, polyurethane, gravel binder, gravel hardener).

Properties

Abrasion-resistant, dust-reduced, non-slip, lime-free, frost-resistant.

Size/grain	Packaging	Unit	Units/pallet	Bulk density	EAN code
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Quartz gravel, Beige

Characteristics: Round grain, washed, fire-dried
 Stone: Quartz
 Storage: Store opened pallets in a dry place.

2 – 4 mm	PE sack	25 kg	48	1550 kg/m ³	90 04179 15666 8
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Quartz gravel, Ochre

Characteristics: Round grain, washed, fire-dried
 Stone: Quartz
 Storage: Store opened pallets in a dry place.

2 – 4 mm	PE sack	25 kg	48	1550 kg/m ³	90 04179 15656 9
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Quartz gravel, White

Characteristics: Round grain, washed, fire-dried
 Stone: Quartz
 Storage: Store opened pallets in a dry place.

2 – 4 mm	PE sack	25 kg	48	1550 kg/m ³	90 04179 15646 0
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Quartzite chips, Light beige

Characteristics: High-grade crushed aggregate, washed, fire-dried
 Stone: Quartzite
 Storage: Store opened pallets in a dry place.

2 – 4 mm	PE sack	25 kg	48	1350 kg/m ³	90 04179 41396 9
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Quartzite chips, Silver grey

Characteristics: High-grade crushed aggregate, washed, fire-dried
 Stone: Quartzite
 Storage: Store opened pallets in a dry place.

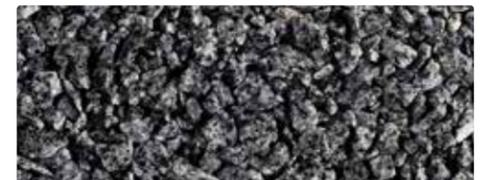
2 – 4 mm	PE sack	25 kg	48	1350 kg/m ³	90 04179 49346 6
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Granite chips, Salt & pepper

Characteristics: High-grade crushed aggregate, washed, fire-dried
 Stone: Granite
 Storage: Store opened pallets in a dry place.

2 – 4 mm	PE sack	25 kg	48	1500 kg/m ³	90 04179 49376 3
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Porphyry chips, Red brown

Characteristics: High-grade crushed aggregate, washed, fire-dried
 Stone: Porphyry
 Storage: Store opened pallets in a dry place.

2 – 4 mm	PE sack	25 kg	48	1350 kg/m ³	90 04179 45366 8
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Basalt chips, Black

Characteristics: High-grade crushed aggregate, washed, fire-dried
 Stone: Basalt
 Storage: Store opened pallets in a dry place.

2 – 4 mm	PE sack	25 kg	48	1500 kg/m ³	90 04179 49326 8
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ACCESSORIES

LAWN & MOWING EDGES | NONWOVEN FABRICS
STABILISATION PLATE

LAWN EDGES

To separate and border surfaces with different designs.



The variants at a glance

	Lawn edge 'Easy'	L-lawn edge 'Light'	L-lawn edge 'Heavy'
Application	Lawns	✓	✓
	Gravel & chippings surfaces	✓	✓
	Paved areas	✓	✓
	Asphalt surfaces	✓	✓
	Water-bound surfaces		
	Stabilisation for chippings and gravel		
	Water-bound surfaces		
	Stabilisation for chippings and gravel		✓ (H 5 cm)
Height	5 cm		✓
	8 cm		✓
	10 cm		
	12 cm	✓	
	18 cm	✓	
Material / Colour	Steel sheet, galvanised	✓	✓
	Aluminium		✓
	Black steel, Rust brown	✓	✓
	Moss green	✓	
	Anthracite	✓	

L-LAWN EDGE 'EASY'

Properties: Easy to assemble with insertion system, suitable for bare feet thanks to the rounded visible edge, high resistance to twisting thanks to the 2-sided, folded sheet metal, flexible for rounding.

Preparation: Use a lawn edge trencher or spade to prepare the laying line. Pre-bend and connect lawn edges as required. Use a rubber hammer to set connected lawn edges.

Lawn edge 'Easy', Grey

Characteristics: Sheet steel 0.55 mm, galvanised

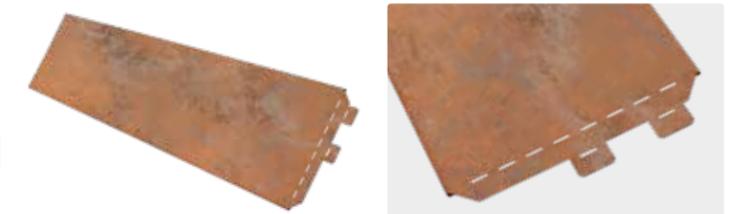
Size	Packaging	Unit	Units/pallet	EAN code
L 96 cm x H 12 cm	Pallet	1 pc. (0,6 kg)	10	90 04179 81406 3
L 96 cm x H 18 cm	Pallet	1 pc. (0,9 kg)	10	90 04179 81408 7



Lawn edge 'Easy', Rust brown

Characteristics: Black steel 0.75 mm

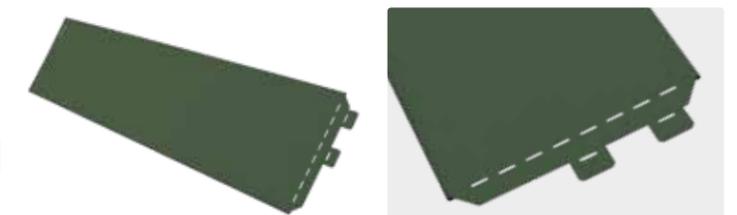
Size	Packaging	Unit	Units/pallet	EAN code
L 96 cm x H 12 cm	Pallet	1 pc. (0,8 kg)	10	90 04179 81456 8
L 96 cm x H 18 cm	Pallet	1 pc. (1,2 kg)	10	90 04179 81458 2



Lawn edge 'Easy', Moss green

Characteristics: Steel sheet 0.55 mm, powder-coated

Size	Packaging	Unit	Units/pallet	EAN code
L 96 cm x H 12 cm	Pallet	1 pc. (0,6 kg)	10	90 04179 81506 0
L 96 cm x H 18 cm	Pallet	1 pc. (0,9 kg)	10	90 04179 81508 4



Lawn edge 'Easy', Anthracite

Characteristics: Steel sheet 0.55 mm, powder-coated

Size	Packaging	Unit	Units/pallet	EAN code
L 96 cm x H 12 cm	Pallet	1 pc. (0,6 kg)	10	90 04179 81556 5
L 96 cm x H 18 cm	Pallet	1 pc. (0,9 kg)	10	90 04179 81558 9



L-LAWN EDGES 'LIGHT'

Properties: For light-duty application, rounded exposed edges enable barefoot access, easy to assemble.

Preparation: Excavation of the area to the height of the lawn edge minus 1 cm. Place anti-weed fabric onto the area if necessary. Determine and mark the line layout of the lawn edge. Slide the lawn edges together and anchor into the ground with long nails. Lightly bend, but do not fold, the curved elements before installation. Using pliers, curved elements can be bent to any angle for corner elements. Fill the areas with the desired material, e.g. SCHERF-decorative pebbles or SCHERF-decorative chips. Fill both sides of the lawn edge at the same time if possible.

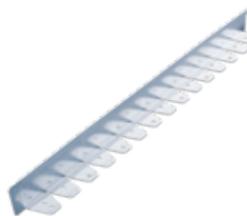


L-lawn edges straight 'Light', Grey

For straight alignment.

Characteristics: Sheet steel 0.55 mm, galvanised

Size	Packaging	Unit	Units/pallet	EAN code
L 121 cm x H 5 cm	Pallet	1 pc. (0,7 kg)	1	90 04179 81002 7
L 121 cm x H 8 cm	Pallet	1 pc. (1,0 kg)	75	90 04179 81004 1



L-lawn edges curved 'Light', Grey

For curved alignment.

Characteristics: Sheet steel 0.55 mm, galvanised

Size	Packaging	Unit	Units/pallet	EAN code
L 121 cm x H 5 cm	Pallet	1 pc. (0,7 kg)	1	90 04179 81012 6
L 121 cm x H 8 cm	Pallet	1 pc. (1,0 kg)	75	90 04179 81014 0



L-lawn edges straight 'Alu-Light', Grey

For straight alignment.

Characteristics: Aluminium, 1.25 mm

Size	Packaging	Unit	Units/pallet	EAN code
L 121 cm x H 5 cm	Pallet	1 pc. (0,5 kg)	1	90 04179 81072 0
L 121 cm x H 8 cm	Pallet	1 pc. (0,7 kg)	60	90 04179 81074 4



L-lawn edges curved 'Alu-Light', Grey

For curved alignment.

Characteristics: Aluminium, 1.25 mm

Size	Packaging	Unit	Units/pallet	EAN code
L 121 cm x H 5 cm	Pallet	1 pc. (0,5 kg)	1	90 04179 81082 9
L 121 cm x H 8 cm	Pallet	1 pc. (0,7 kg)	60	90 04179 81084 3



L-lawn edges straight 'Blank-Light', Rust brown

For straight alignment.

Characteristics: Black steel 0.75 mm

Size	Packaging	Unit	Units/pallet	EAN code
L 121 cm x H 5 cm	Pallet	1 pc. (0,9 kg)	1	90 04179 81112 3
L 121 cm x H 8 cm	Pallet	1 pc. (1,2 kg)	70	90 04179 81114 7

L-lawn edges curved 'Blank-Light', Rust brown

For curved alignment.

Characteristics: Black steel 0.75 mm

Size	Packaging	Unit	Units/pallet	EAN code
L 121 cm x H 5 cm	Pallet	1 pc. (0,8 kg)	1	90 04179 81122 2
L 121 cm x H 8 cm	Pallet	1 pc. (1 kg)	70	90 04179 81124 6



Sales display

Our practical lawn edges with the simple insert system are now available in a promotional display (60 x 40 cm). The sales stand is also the packaging and does not need to be ordered extra.

Available in Curved and Straight:

„Light“ (galvanised, 0.55 mm, L 121 cm, H 8 cm), Packaging unit: 75 pc

„Alu-Light“ (aluminium, 1.25 mm, L 121 cm, H 8 cm), Packaging unit: 60 pc

„Blank-Light“ (Black steel, 0.75 mm, L 121 cm, H 8 cm), Packaging unit: 70 pc



L-LAWN EDGES 'HEAVY'

Properties: For medium to heavy-duty application, rounded exposed edges enable barefoot access, easy to assemble, resistant to long-term corrosion, no concrete works necessary, does not cause adjacent lawn surfaces to die.

Preparation: Produce and compress the subsurface according to planned utilisation and requirements. Place anti-weed fabric onto the area if necessary. Determine and mark the line layout of the lawn edge. If necessary, create a thin concrete layer along the pathway of the lawn edge. Slide the lawn edges together and anchor into the ground and/or the thin concrete layer with suitable nails. Lightly bend, but do not fold, the curved elements before installation. Prepare the bedding for the paved area or stabilisation plate for chips and gravel.

L-lawn edges straight 'Alu-Heavy', Grey

For straight alignment.

Characteristics: Aluminium 2 mm

Size	Packaging	Unit	Units/pallet	EAN code
L 196 cm x H 5 cm	Pallet	1 pc. (1,4 kg)	1	90 04179 81142 0
L 196 cm x H 10 cm	Pallet	1 pc. (2,3 kg)	1	90 04179 81145 1
L 196 cm x H 12 cm	Pallet	1 pc. (2,4 kg)	1	90 04179 81146 8



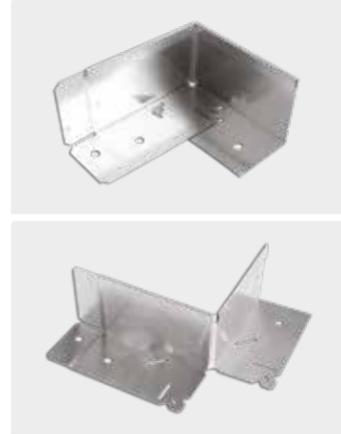
L-lawn edges curved 'Alu-Heavy', Grey

For curved alignment.

Characteristics: Aluminium 2 mm

Size	Packaging	Unit	Units/pallet	EAN code
L 196 cm x H 5 cm	Pallet	1 pc. (1,4 kg)	1	90 04179 81152 9
L 196 cm x H 10 cm	Pallet	1 pc. (2,3 kg)	1	90 04179 81155 0
L 196 cm x H 12 cm	Pallet	1 pc. (2,4 kg)	1	90 04179 81156 7





L-lawn edges corner 'Alu-Heavy', Grey

For 45 and 90 degree internal and external corners.
Characteristics: Aluminium 2 mm

Size	Packaging	Unit	Units/pallet	EAN code
L 32 cm x H 5 cm	Pallet	1 pc. (0,2 kg)	1	90 04179 81162 8
L 32 cm x H 10 cm	Pallet	1 pc. (0,3 kg)	1	90 04179 81165 9
L 32 cm x H 12 cm	Pallet	1 pc. (0,4 kg)	1	90 04179 81166 6



L-lawn edges straight 'Blank-Heavy', Rust brown

For straight alignment.
Characteristics: Black steel 1.5 mm

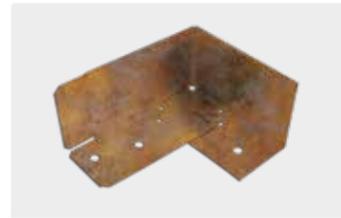
Size	Packaging	Unit	Units/pallet	EAN code
L 196 cm x H 5 cm	Pallet	1 pc. (3,0 kg)	1	90 04179 81272 4
L 196 cm x H 10 cm	Pallet	1 pc. (4,2 kg)	1	90 04179 81275 5
L 196 cm x H 12 cm	Pallet	1 pc. (4,6 kg)	1	90 04179 81276 2



L-lawn edges curved 'Blank-Heavy', Rust brown

For curved alignment.
Characteristics: Black steel 1.5 mm

Size	Packaging	Unit	Units/pallet	EAN code
L 196 cm x H 5 cm	Pallet	1 pc. (2,7 kg)	1	90 04179 81282 3
L 196 cm x H 10 cm	Pallet	1 pc. (3,8 kg)	1	90 04179 81285 4
L 196 cm x H 12 cm	Pallet	1 pc. (4,1 kg)	1	90 04179 81286 1



L-lawn edges corner 'Blank-Heavy', Rust brown

For 45 and 90 degree internal and external corners.
Characteristics: Black steel 1.5 mm

Size	Packaging	Unit	Units/pallet	EAN code
L 32 cm x H 5 cm	Pallet	1 pc. (0,5 kg)	1	90 04179 81292 2
L 32 cm x H 10 cm	Pallet	1 pc. (0,7 kg)	1	90 04179 81295 3
L 32 cm x H 12 cm	Pallet	1 pc. (0,8 kg)	1	90 04179 81296 0

MOWING EDGES

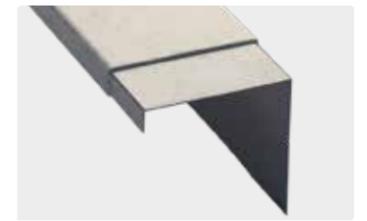
Stable mowing edges for a beautiful garden that's easy to maintain. Ideal for laying and protecting mowing robot cables.

Properties: For straight laying lines, suitable for barefoot, easy installation and can be worked with metal shears.
Preparation: Define and mark the laying line for the mowing edge. Simply press the mowing edge into the soil; if necessary, prepare with a lawn edge trencher.

Mowing edge, Grey

Characteristics: Sheet steel 0.75 mm, galvanised

Size	Packaging	Unit	Units/pallet	EAN code
L 96 cm x W 8 cm x H 8 cm	Pallet	1 pc. (0,8 kg)	10	90 04179 81315 8



Mowing edge, Rust brown

Characteristics: Black steel 0.75 mm

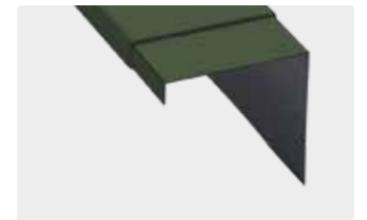
Size	Packaging	Unit	Units/pallet	EAN code
L 96 cm x W 8 cm x H 8 cm	Pallet	1 pc. (0,8 kg)	10	90 04179 81319 6



Mowing edge, Moss green

Characteristics: Steel sheet 0.55 mm, powder-coated

Size	Packaging	Unit	Units/pallet	EAN code
L 96 cm x W 8 cm x H 8 cm	Pallet	1 pc. (0,8 kg)	10	90 04179 81323 3



Mowing edge, Anthracite

Characteristics: Steel sheet 0.55 mm, powder-coated

Size	Packaging	Unit	Units/pallet	EAN code
L 96 cm x W 8 cm x H 8 cm	Pallet	1 pc. (0,8 kg)	10	90 04179 81327 1



NONWOVEN FABRICS



'WeedControl Premium' anti-weed fabric

Anti-weed fabric for grit and gravel surfaces and garden beds.

Colour: Black

Characteristics: PP non-woven fabric, 90g/square metre

Properties: Prevents weeds from protruding, permeable to water and air, easy to lay, UV stable, opaque.

Preparation: Remove weeds, roots and stones and then level out the ground. Roll out the anti-weed fabric and secure it in place with stones or pegs - if several lengths are being used, overlap them by 20cm. Mark the positions of the plants with an X and cut an „X“ shape for the plant roots in the fabric. Lay the points back, dig the planting hole, place the plants and lay the fabric points back over the plants. Slits should also be cut for perennial flower bulbs. Clean soil remnants and dust off the anti-weed fabric and cover the surface with enough SCHERF decorative gravel or decorative crushed rock/mulch.



Size	Packaging	Unit	Units/pallet	EAN code
L 15 x W 1 m	Roll	1 pc. (1,35 kg)	50	57 09198 00376 7
L 25 x W 2 m	Roll	1 pc. (4,5 kg)	60	57 09198 00377 4

'Premium Extra' anti-weed fabric

Anti-weed fabric for gravel surfaces, garden beds, playgrounds, green road islands, roundabouts, parking facilities and under wooden terraces.

Colour: Black

Characteristics: PP fabric 125 g/square metre (W 1 m); 105 g/square metre (W 2 m)

Properties: Prevents weeds from protruding, permeable to water and air, easy to lay, UV stable, opaque, biologically resistant, resistant to fungus and rotting.

Preparation: See 'WeedControl Premium' anti-weed fabric.



Size	Packaging	Unit	Units/pallet	EAN code
L 50 x W 2 m	Roll	1 pc. (12,0 kg)	25	57 09198 00205 0

'Premium Plus' anti-weed fabric

Anti-weed fabric for gravel surfaces, garden beds, playgrounds, green road islands, roundabouts, parking facilities and under wooden terraces.

Colour: Black

Characteristics: PE fabric, 150g/square metre

Properties: Prevents weeds from protruding, permeable to water and air, easy to lay, UV stable, opaque, biologically resistant, resistant to fungus and rotting.

Preparation: See „WeedControl Premium“ anti-weed fabric.



Size	Packaging	Unit	Units/pallet	EAN code
L 25 x W 1 m	Roll	1 pc. (3,8 kg)	50	57 09198 00379 8

⚠ In cases of weeds with aggressive root growth, such as couch grass and horsetail, individual roots may appear. If the top layer is insufficient or wrong, flying seeds could take root above the fabric.



STABILISATION

For grit and gravel

Stabilisation plate for grit and gravel, White

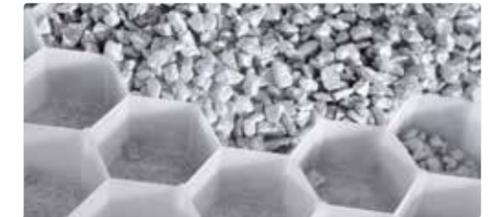
For stabilising grit and gravel on driveways, parking spaces, garden paths, guest gardens, attic gardens and embankments. No material displacement - accessibility with good grip and practical for cars and bicycles.

Colour: White

Characteristics: HDPE honeycomb grid, geotextile nonwoven fabric

Properties: UV and frost resistant, breaking load of 400 tonnes/square metre, 100 % permeable to water - slopes or water removal devices are not necessary, reduced weed growth due to thermally glued geotextile base (50 g/square metre), strengthened net corners, plate can be folded and is easy to transport, very easy to lay due to large plate dimension, no base at frost line is necessary.

Preparation: Lay the base (SCHERF Broken gravel, 0.32 mm thickness, layer thickness according to the existing floor and planned load: min. 25 cm for cars, min. 10 cm for use as a footpath). Lay the surface edges (SCHERF lawn edges, concrete or natural stone) - the edge height should be around 2-3 cm higher than the upper edge of the grid. Set the bedding with SCHERF paving chippings with a 2-4 mm thickness (3-6cm layer thickness). Lay the stabilisation plate on the bedding in a stretcher bond and overlap the geotextile. Cuttings should be prepared using a cutting disk. Fill the surface with grit or gravel (permissible grain sizes are a minimum of 4 mm and a maximum of 16 mm, with a requirement of around 60 kg/square metre). Overfill the surface by 2 cm. After a few weeks, test the excess for settling - the plates must always be covered with material.



Size	Packaging	Unit	Units/pallet	EAN code
L 160 x W 120 x H 3 cm	Pallet	1 pc. (2,5 kg)	17	42 60073 47207 4

EMPTY BAGS

Sandbag for flood protection, empty

For support of entrances, garage doors, cellar doors and windows. For construction of dams. As ballast for vehicles and ships. Weighing down signs and tents.

Colour: White

Characteristics: PP woven sack

Properties: UV stabilised and tear-resistant sack (79 g/m²)

Use: Sacks that remained dry can be reused. 3-4 Sacks are needed per running meter.

A row of sacks is about 8 cm high.

Storage: Store in a dry and dark place.



40 x 70 cm	PP sack	1 pc.	50	90 04179 02395 3
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Big bag, empty

For storing various bulk materials and disposing of construction site and garden waste.

Colour: White

Characteristics: PP woven sack

Properties: UV-stabilized and tear-resistant sack (safety factor 5:1)

70 x 70 x 70 cm*	Big bag	1 pc.	10	90 04179 99551 9
75 x 85 x 110 cm**	Big bag	1 pc.	10	90 04179 99552 6

* Maximum load capacity: 700 kg

** Maximum load capacity: 1000 kg



NEW

75 x 85
x 110 cm

PACKAGING

PE sack

Depending on the product, we use white or transparent PE bags with at least 50% recycle. The bags are delivered on EURO pallets (80 x 120 cm) or one-way half pallets (60 x 80 cm). We ensure that only undamaged pallets are used (no missing parts and no protruding nails). The prepared pallets are equipped with a stretch film to ensure safe transportation and protection against the weather.

The benefits

- No material loss
- Simple transportation in the car
- Small volumes for small projects
- Exact batches of mixtures
- Easy to handle
- No dirt and debris on the streets, footpaths and squares
- Bags are printed over with clear lacquer – the printed colour does not stain your hands and clothing



The benefits of the 10 kg bag

- It has a practical handle
- Delivery is made on space-saving one-way half pallets (60 x 80 cm)
- Light bag, advantageous for women and older people
- Ideal for slightly longer footpaths (e.g. at the cemetery)
- Simple loading and unloading of the car
- Small volumes for small projects (flower pot cover, etc.)



Tandem-Bags

The practical alternative to the Big-Bag. Large PE bags that are carried by 2 people. A one-way pallet contains 21 bags of 47.62 kg each (order unit = 1000 kg).

The advantages

- there is no need to laboriously remove the goods from the Big-Bag
- Quick and clean delivery of the goods (also possible with a sliding chest)
- Less packaging material than the 25 kg bag
- Delivery can be done by the customer himself (not possible with Big-Bags)



Big bag

A Big-Bag is one tonne bulk packaging that is provided free of charge. It is a large disposable bag made of polypropylene which is open at the top. They are delivered on EURO pallets. Big-Bags are designed to be transported with lorry loading cranes and can also be parked at difficult to reach places or emptied (over fences, on roofs or in urban areas). The two side panels of our Big-Bags are made from transparent woven polypropylene fabric so that our product quality is recognisable in the entire bag.

The benefits

- It can be reused, e.g. as a collection container for construction waste
- No material loss
- Simultaneous delivery of different construction materials without mixing them up
- Two means of emptying (complete emptying through the outlet connections or removing material from the top)
- Material is protected against contamination
- No littering of roads, pavements and squares
- Simple removal of residues



Mesh basket

A mesh basket is disposable packaging for stones ranging from 100 to 400 mm and consists of a wooden pallet and galvanised wire mesh. The filling volume amounts to 0.5 m³. Mesh baskets are used as transport packaging and enables the product to be openly displayed at the „point of sale“.

The benefits

- Good presentation of products
- The customer chooses the stones he/she particularly likes
- Robust mesh
- Pallet width is the same as a Euro pallet (80 x 80 cm)



Bulk

Unpackaged materials are delivered directly to the construction area or to the warehouse with a tipper lorry and tipped. The selection of the right lorries is dependent on the volume of material required and the conditions on site. Dry sand can also be delivered in silo lorries. In some regions, we also offer to transport bulk materials with a crane grab lorry.

The benefits

- No packaging waste
- Low-cost version, primarily for large volumes



Sample service

We'd be happy to send you a representative handsized sample. Are you looking for something special? Ask about our special sands and natural stone grains. We're here to assist you with our expertise.





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