



**SAND AND MORE 2024**



Uniques of nature



## Biodiversity & Co.

Industrial areas tend to be the opposite of a natural paradise. But it doesn't always have to be that way: There is an amazing diversity of species on our factory premises. With a little support, mammals, reptiles, amphibians, insects and birds feel right at home and are not disturbed by the machines. In the last two years, two breeding pairs of the very rare bee-eater have even spent their honeymoon here. The open sand walls, perches for birds, our large flower meadow and natural pond are all together a habitat rich in structure. Our vision is to bring wild nature into private gardens with "biotope islands". But there are many more innovations on the subject of sustainability: Gravel lawns for surface sealing, water-storing lawn soil and recycled building materials for paving. These are all new shoots, grown from 35 years of experience (we started in 1988 with the packaging of radiation-free children's play sand). The history of the animals in our sand pit goes back even further. Around 11 million years ago, an ancestor of the mammoths lived here, the thigh of which was excavated around 60 years ago and has since been housed in the Landesmuseum Joanneum in Graz.

*J. Scherf*  
Jürgen Scherf



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# NEW 2024

## Decorative stonese



New in the 25 kg bag: Green slate rock Glitter green 25 – 50 mm  
Page 16



Slate gravel pastel green 30 – 60 mm  
Page 20



Glass rocks Tahiti turquoise 150 – 250 mm / 50 – 100 mm  
Page 21 / Page 64



New in the 25 kg bag: Marble decorative pebbles, Thassos white 50 – 80 mm, Page 25

## Stepping slabs



Slate stepping slab Graphite black Ø 20-40 cm x H 2 cm



Slate stepping slab pastel green Ø 20-40 cm & Ø 30-50 cm x H 2 cm  
Page 35

Tip: Ø 20-40 cm is ideal for placing candles on graves.

## Substrate & fertilizer



Lawn soil with and without water storage PE-bag and big-bag, Page 74



Chippings lawn & Gravel lawn  
Page 75



Soil filter  
Page 75



Primary rock flour, fine  
Page 76



Carbonated lime fertilizer  
Page 76



Flower meadow substrate PE-bag and big-bag, Page 77



Sandarium for wild bees  
Page 78



Sand bath for birds  
Page 78



Clay hollow for swallows  
Page 79



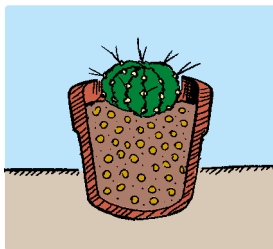
Stone chunks for piles, walls & design, Jupiter-multicolored 100 – 500 mm, Page 79



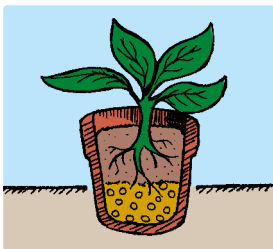
## Plant granules

- Universal cactus and succulent substrate, developed with the Society of Austrian Cactus Friends
- Pumice, lava & zeolite granules recommended by [www.cactusaustria.at](http://www.cactusaustria.at).

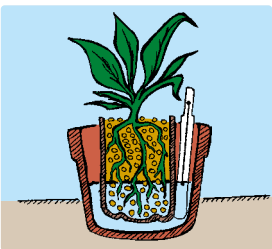
From page 80



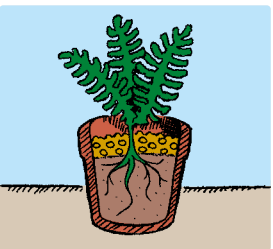
Sowing & growing substrate



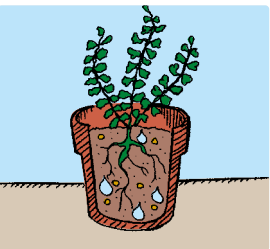
Drainage material



Hydroponic substrate



Decorative covering material

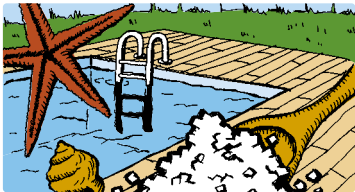


Water storage as a mixing component

## Environment & leisure



Pool sea salt  
Page 83



## Water-bound surfaces



Single-layer construction, 0 – 8 mm  
Page 95



Barefoot top layer pebble gray 0 – 8 mm, Page 95

## Recycling materials for paving



Joint sand, weed-inhibiting, concrete gray, 0 – 2 mm, Page 89



Paving chippings 2 – 4 mm  
Page 88

## 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.





# 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:

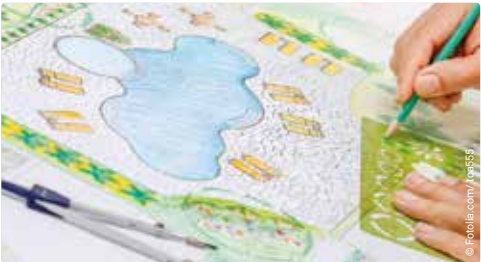
- Modern, straightforward garden
- Farmhouse garden
- Mediterranean garden
- Country house garden



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.

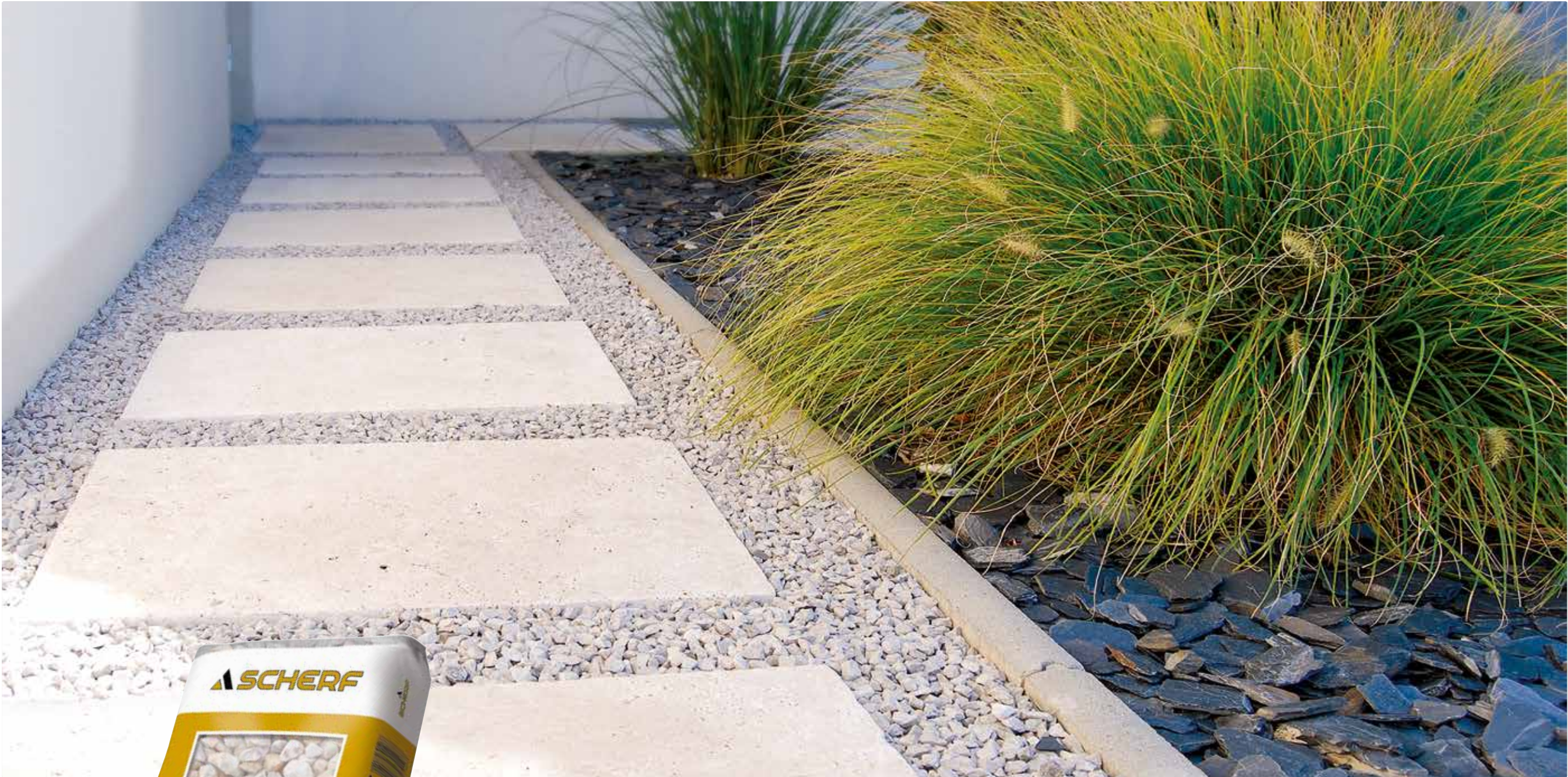





- Area design in gardening and landscaping
- Stone beds with grasses and shrubs
- Mulch beds
- House edging (eaves, splash protection)
- Japanese gardens
- Trench gravel
- Filling material for grid and slope concrete blocks
- Tree grates
- Design of traffic surfaces
- Aquariums
- Solitary stones in the 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 5). 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, washed  
**Stone:** Marble

16 – 32 mm	PE sack	25 kg	48	90 04179 41056 2	1500 kg/m³	45
16 – 32 mm	Big bag	1000 kg	1	90 04179 41059 3	1500 kg/m³	45



## Marble gravel, Cloud white

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

25 – 50 mm	PE sack	25 kg	48	90 04179 41656 4	1500 kg/m³	90
25 – 50 mm	Tandem-Bags*	1000 kg	1	90 04179 41658 8	1500 kg/m³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 41659 5	1500 kg/m³	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/m³	25
4 – 8 mm	Big bag	1000 kg	1	90 04179 41429 4	1500 kg/m³	25
8 – 12 mm	PE sack	10 kg	60	90 04179 41524 6	1500 kg/m³	30
8 – 12 mm	PE sack	25 kg	48	90 04179 41526 0	1500 kg/m³	30
8 – 12 mm	Big bag	1000 kg	1	90 04179 41529 1	1500 kg/m³	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/m³	25
6 – 9 mm	Big bag	1000 kg	1	90 04179 41419 5	1500 kg/m³	25
9 – 12 mm	PE sack	10 kg	60	90 04179 41514 7	1500 kg/m³	30
9 – 12 mm	PE sack	25 kg	48	90 04179 41516 1	1500 kg/m³	30
9 – 12 mm	Big bag	1000 kg	1	90 04179 41519 2	1500 kg/m³	30
16 – 25 mm	PE sack	25 kg	48	90 04179 41016 6	1500 kg/m³	45
16 – 25 mm	Big bag	1000 kg	1	90 04179 41019 7	1500 kg/m³	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/m³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 41619 9	1500 kg/m³	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/m³	
300 – 500 mm	Wood frame	1 kg	700	90 04179 41937 4	1500 kg/m³	



## 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/m³	30
8 – 12 mm	Big bag	1000 kg	1	90 04179 41599 4	1500 kg/m³	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/m³	30
8 – 12 mm	Big bag	1000 kg	1	90 04179 41549 9	1500 kg/m³	30
16 – 25 mm	Big bag	1000 kg	1	90 04179 41049 4	1500 kg/m³	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/m³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 41649 6	1500 kg/m³	90







**Limestone chips, Dalmatian beige**  
Mediterranean Limestone that brings the holiday atmosphere to the garden.  
**Characteristics:** Crushed aggregate, washed  
**Stone:** Limestone

22 – 32 mm	PE sack	25 kg	48	90 04179 41176 7	1500 kg/m³	60
22 – 32 mm	Big bag	1000 kg	1	90 04179 41179 8	1500 kg/m³	60



**Limestone gravel, Dalmatian beige**  
Mediterranean Limestone that brings the holiday atmosphere to the garden.  
**Characteristics:** Crushed aggregate, washed  
**Stone:** Limestone

32 – 70 mm	Big bag	1000 kg	1	90 04179 41779 0	1500 kg/m³	110
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**Moon stone, Light grey**  
Stone with washed out holes. As if from another world.  
**Characteristics:** Fragment, limy  
**Stone:** Limestone

100 – 400 mm	Mesh basket	1 kg	580	90 04179 57737 1	1150 kg/m³	400
400 – 600 mm	Wood frame	1 kg	600	90 04179 57837 8		

**Granite chips, Aged pink**  
Uncommon granite rock in delicate pink.  
**Characteristics:** Crushed aggregate, washed  
**Stone:** Granite

16 – 32 mm	Big bag	1000 kg	1	90 04179 45199 2	1550 kg/m³	50
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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/m³	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/m³	30
9 – 12 mm	Big bag	1000 kg	1	90 04179 45519 8	1500 kg/m³	30
16 – 25 mm	PE sack	25 kg	48	90 04179 45016 2	1500 kg/m³	45
16 – 25 mm	Big bag	1000 kg	1	90 04179 45019 3	1500 kg/m³	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/m³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 45619 5	1500 kg/m³	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/m³	45
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**Marble gravel, Royal red**  
Luxurious stone in vibrant red, with streaks of white calcite.  
**Characteristics:** Crushed aggregate, washed  
**Stone:** Marble

25 – 50 mm	PE sack	25 kg	48	90 04179 45656 0	1500 kg/m³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 45659 1	1500 kg/m³	90



**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/m³	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/m³**	50
8 – 25 mm	Tandem-Bags*	800 kg	1	90 04179 45548 8	1000 kg/m³**	50
8 – 25 mm	Big bag	800 kg	1	90 04179 45549 5	1000 kg/m³**	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/m³**	50
8 – 25 mm	Big bag	800 kg	1	90 04179 48549 2	1000 kg/m³**	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/m³	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/m³	30
8 – 12 mm	Big bag	1000 kg	1	90 04179 51569 4	1500 kg/m³	30
22 – 32 mm	PE sack	25 kg	48	90 04179 51166 5	1500 kg/m³	60
22 – 32 mm	Big bag	1000 kg	1	90 04179 51169 6	1500 kg/m³	60



## Marble chips, Gold ochre

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

8 – 12 mm	PE sack	10 kg	60	90 04179 51544 1	1500 kg/m³	30
8 – 12 mm	PE sack	25 kg	48	90 04179 51546 5	1500 kg/m³	30
8 – 12 mm	Big bag	1000 kg	1	90 04179 51549 6	1500 kg/m³	30
16 – 25 mm	PE sack	25 kg	48	90 04179 51046 0	1500 kg/m³	45
16 – 25 mm	Big bag	1000 kg	1	90 04179 51049 1	1500 kg/m³	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/m³	90
25 – 50 mm	Tandem-Bags*	1000 kg	1	90 04179 51648 6	1500 kg/m³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 51649 3	1500 kg/m³	90





Size/grain	Packaging	Unit	Units/ pallet	EAN code	Bulk density	Rec. fill height in mm
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## 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/m³	30
9 – 12 mm	Big bag	1000 kg	1	90 04179 51519 9	1500 kg/m³	30
22 – 32 mm	PE sack	25 kg	48	90 04179 51116 0	1500 kg/m³	60
22 – 32 mm	Big bag	1000 kg	1	90 04179 51119 1	1500 kg/m³	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/m³	35
8 – 16 mm	Big bag	1000 kg	1	90 04179 47559 2	1600 kg/m³	35
16 – 25 mm	Big bag	1000 kg	1	90 04179 47059 7	1600 kg/m³	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/m³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 47659 9	1600 kg/m³	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/m³	30
8 – 12 mm	PE sack	25 kg	48	90 04179 49536 1	1550 kg/m³	30
8 – 12 mm	Big bag	1000 kg	1	90 04179 49539 2	1550 kg/m³	30
16 – 25 mm	PE sack	25 kg	48	90 04179 49036 6	1550 kg/m³	45
16 – 25 mm	Big bag	1000 kg	1	90 04179 49039 7	1550 kg/m³	45
22 – 32 mm	Big bag	1000 kg	1	90 04179 49139 4	1550 kg/m³	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/m³	90
25 – 50 mm	Tandem-Bags*	1000 kg	1	90 04179 49638 2	1500 kg/m³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 49639 9	1500 kg/m³	90

DECORATIVE STONES	GARDEN BLOCKS	GABIONS	ENVIRONMENT & LEISURE	CONSTRUCTION	ACCESSORIES
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## 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/m³	30
8 – 12 mm	Big bag	1000 kg	1	90 04179 49549 1	1500 kg/m³	30
16 – 25 mm	Big bag	1000 kg	1	90 04179 49049 6	1500 kg/m³	45



## Limestone chips, Mouse grey

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

8 – 12 mm	PE sack	25 kg	1	90 04179 49566 8	1500 kg/m³	48
8 – 12 mm	Big bag	1000 kg	1	90 04179 49569 9	1500 kg/m³	30
16 – 25 mm	Big bag	1000 kg	1	90 04179 49069 4	1500 kg/m³	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/m³	45
16 – 25 mm	Big bag	1000 kg	1	90 04179 49009 0	1550 kg/m³	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/m³	90
25 – 50 mm	Big bag	1000 kg	1	90 04179 49609 2	1550 kg/m³	90



## Gneiss gravel, Glimmer grey

Shimmering gravel with flat grain shape.  
**Characteristics:** Crushed aggregate  
**Stone:** Gneiss

25 – 50 mm	Big bag	1000 kg	1	90 04179 49619 1	1500 kg/m³	90
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## 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/m³	55
16 – 40 mm	Big bag	1000 kg	1	90 04179 48049 7	1500 kg/m³	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	1600 kg/m³	30
8 – 12 mm	Big bag	1000 kg	1	90 04179 49579 8	1600 kg/m³	30
16 – 32 mm	PE sack	25 kg	48	90 04179 49076 2	1600 kg/m³	45
16 – 32 mm	Big bag	1000 kg	1	90 04179 49079 3	1600 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



Mix your individual color 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



Size/grain	Packaging	Unit	Units/ pallet	EAN code	Bulk density	Rec. fill height in mm
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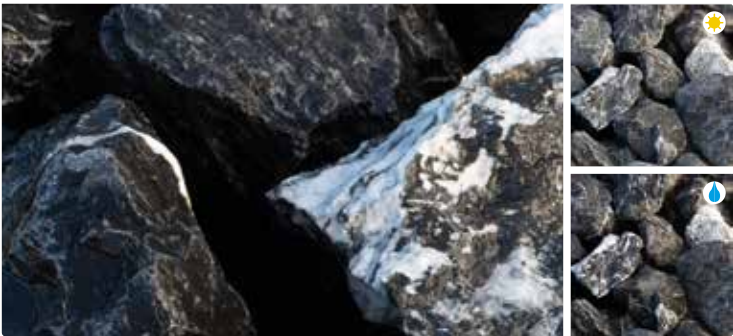
## Marble gravel, Black-white

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



## 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/m³	
300 – 500 mm	Wood frame	1 kg	700	90 04179 49997 0	1550 kg/m³	



## 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/m³	40
30 – 60 mm	Big bag	1000 kg	1	90 04179 45789 5	1200 kg/m³	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/m³	40
30 – 60 mm	Big bag	1000 kg	1	90 04179 47769 5	1200 kg/m³	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

20 – 40 mm	PE sack	20 kg	48	90 04179 49685 6	1200 kg/m³	30
20 – 40 mm	Big bag	1000 kg	1	90 04179 49689 4	1200 kg/m³	30
30 – 70 mm	PE sack	20 kg	48	90 04179 49785 3	1200 kg/m³	40
30 – 70 mm	Tandem-Bags*	1000 kg	1	90 04179 49788 4	1200 kg/m³	40
30 – 70 mm	Big bag	1000 kg	1	90 04179 49789 1	1200 kg/m³	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/m³	25
4 – 8 mm	Big bag	1000 kg	1	90 04179 41469 0	1350 kg/m³	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/m³	25
4 – 8 mm	Big bag	1000 kg	1	90 04179 47439 7	1350 kg/m³	25



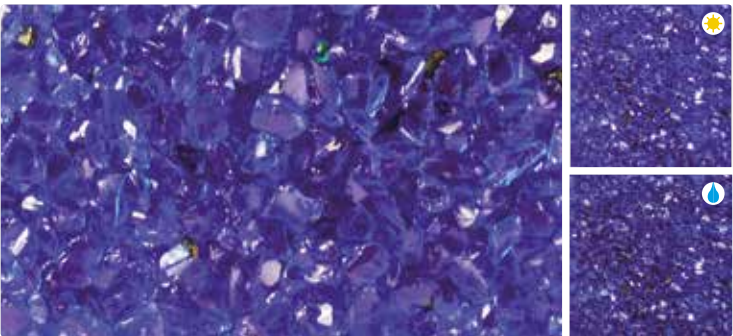
## Glass chips, Flash blue

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/m³	25
4 – 8 mm	Big bag	1000 kg	1	90 04179 49459 3	1350 kg/m³	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/m³	
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# DECORATIVE PEBBLES



## 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

8 – 16 mm	Big bag	1000 kg	1	90 04179 43359 2	1650 kg/m³	35
16 – 32 mm	PE sack	25 kg	48	90 04179 43456 8	1650 kg/m³	50
16 – 32 mm	Big bag	1000 kg	1	90 04179 43459 9	1650 kg/m³	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

8 – 16 mm	PE sack	25 kg	48	90 04179 53346 9	1550 kg/m³	35
8 – 16 mm	Big bag	1000 kg	1	90 04179 53349 0	1550 kg/m³	35
16 – 32 mm	PE sack	25 kg	48	90 04179 53546 3	1550 kg/m³	50
16 – 32 mm	Big bag	1000 kg	1	90 04179 53549 4	1550 kg/m³	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

*6 – 8 mm	PE sack	25 kg	48	90 04179 31746 5	1650 kg/m³	25
*6 – 8 mm	Big bag	1000 kg	1	90 04179 31749 6	1650 kg/m³	25
8 – 16 mm	PE sack	10 kg	60	90 04179 32144 8	1650 kg/m³	35
8 – 16 mm	PE sack	25 kg	48	90 04179 32146 2	1650 kg/m³	35
8 – 16 mm	Big bag	1000 kg	1	90 04179 32149 3	1650 kg/m³	35
**16 – 32 mm	PE sack	10 kg	60	90 04179 32244 5	1650 kg/m³	50
**16 – 32 mm	PE sack	25 kg	48	90 04179 32246 9	1650 kg/m³	50
**16 – 32 mm	Tandem-Bags*	1000 kg	1	90 04179 32248 3	1650 kg/m³	50
**16 – 32 mm	Big bag	1000 kg	1	90 04179 32249 0	1650 kg/m³	50
32 – 50 mm	PE sack	25 kg	48	90 04179 32446 3	1600 kg/m³	80
32 – 50 mm	Tandem-Bags*	1000 kg	1	90 04179 32448 7	1600 kg/m³	80
32 – 50 mm	Big bag	1000 kg	1	90 04179 32449 4	1600 kg/m³	80
50 – 150 mm	Big bag	1000 kg	1	90 04179 32649 8	1600 kg/m³	150
***150 – 300 mm	Mesh basket	1 kg	800	90 04179 32747 1	1600 kg/m³	300

**\* Can also be used as high quality fall protection gavel 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!

**\*\*\*** Hand-sorted, different stone colours and shapes.

## Boulders, Colourful

Sorted by hand, various stone colours and shapes.  
**Characteristics:** Round, washed twice  
**Stone:** Quartz

300 – 500 mm	Wood frame	1 kg	730	90 04179 32847 8		
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

7 – 15 mm	PE sack	25 kg	48	90 04179 46356 8	1550 kg/m³	30
7 – 15 mm	Big bag	1000 kg	1	90 04179 46359 9	1550 kg/m³	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/m³	45
15 – 25 mm	Big bag	1000 kg	1	90 04179 53509 8	1550 kg/m³	45
25 – 50 mm	PE sack	25 kg	24	90 04179 53606 4	1550 kg/m³	80
25 – 50 mm	Big bag	1000 kg	1	90 04179 53609 5	1550 kg/m³	80
100 – 300 mm	Mesh basket	1 kg	800	90 04179 53907 2	1650 kg/m³	300

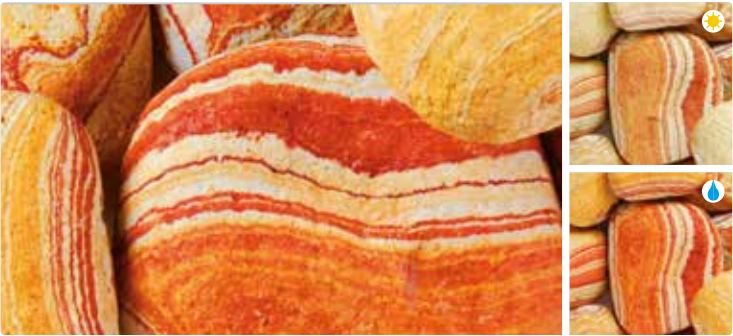


**Angel stone, Green-white**  
Round tumbled green decorative stones with white layers throughout.  
**Characteristics:** Round grain  
**Stone:** Marble

15 – 25 mm	PE sack	25 kg	24	90 04179 48526 3	1550 kg/m³	45
15 – 25 mm	Big bag	1000 kg	1	90 04179 48529 4	1550 kg/m³	45
25 – 50 mm	PE sack	25 kg	24	90 04179 48626 0	1550 kg/m³	80
25 – 50 mm	Big bag	1000 kg	1	90 04179 48629 1	1550 kg/m³	80
100 – 300 mm	Mesh basket	1 kg	800	90 04179 48927 8	1650 kg/m³	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	1kg	600	90 04179 46917 1	1400 kg/m³	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/m³	30
5 – 12 mm	Big bag	1000 kg	1	90 04179 43109 3	1500 kg/m³	30
12 – 16 mm	PE sack	10 kg	60	90 04179 43304 2	1500 kg/m³	35
12 – 16 mm	PE sack	25 kg	48	90 04179 43306 6	1500 kg/m³	35
12 – 16 mm	Big bag	1000 kg	1	90 04179 43309 7	1500 kg/m³	35
16 – 25 mm	PE sack	10 kg	60	90 04179 43404 9	1500 kg/m³	45
16 – 25 mm	PE sack	25 kg	48	90 04179 43406 3	1500 kg/m³	45
16 – 25 mm	Big bag	1000 kg	1	90 04179 43409 4	1500 kg/m³	45
25 – 40 mm	PE sack	25 kg	48	90 04179 43506 0	1500 kg/m³	60
25 – 40 mm	Big bag	1000 kg	1	90 04179 43509 1	1500 kg/m³	60
40 – 60 mm	PE sack	25 kg	48	90 04179 43606 7	1500 kg/m³	90
40 – 60 mm	Big bag	1000 kg	1	90 04179 43609 8	1500 kg/m³	90
60 – 100 mm	Big bag	1000 kg	1	90 04179 43709 5	1500 kg/m³	150
100 – 300 mm	Mesh basket	1 kg	800	90 04179 43807 8	1650 kg/m³	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/m³	45
15 – 25 mm	Big bag	1000 kg	1	90 04179 43469 8	1500 kg/m³	45
25 – 50 mm	PE sack	25 kg	48	90 04179 43566 4	1500 kg/m³	80
25 – 50 mm	Big bag	1000 kg	1	90 04179 43569 5	1500 kg/m³	80
50 – 80 mm	PE sack	25 kg	48	90 04179 43666 1	1500 kg/m³	120
50 – 80 mm	Big bag	1000 kg	1	90 04179 43669 2	1500 kg/m³	120



**NEW**  
50-80 mm  
PE sack





**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/m³	45
22 – 32 mm	Big bag	1000 kg	1	90 04179 43519 0	1600 kg/m³	60
40 – 60 mm	Big bag	1000 kg	1	90 04179 43619 7	1600 kg/m³	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/m³	45
15 – 25 mm	Big bag	1000 kg	1	90 04179 43429 2	1500 kg/m³	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/m³	30
7 – 15 mm	Big bag	1000 kg	1	90 04179 46309 4	1500 kg/m³	30
15 – 25 mm	PE sack	25 kg	24	90 04179 46506 7	1500 kg/m³	45
15 – 25 mm	Big bag	1000 kg	1	90 04179 46509 8	1500 kg/m³	45
25 – 40 mm	Big bag	1000 kg	1	90 04179 46609 5	1500 kg/m³	60
40 – 60 mm	PE sack	25 kg	24	90 04179 46706 1	1500 kg/m³	90
40 – 60 mm	Big bag	1000 kg	1	90 04179 46709 2	1500 kg/m³	90



**Marble decorative pebbles, Royal red**  
Luxurious stone in vibrant red, with streaks of white calcite.  
**Characteristics:** Round grain, washed  
**Stone:** Marble

25 – 50 mm	PE sack	25 kg	24	90 04179 46646 0	1500 kg/m³	80
25 – 50 mm	Big bag	1000 kg	1	90 04179 46649 1	1500 kg/m³	80



**Limestone pebbles, Colourful July**  
Summery gravel with different Mediterranean shades.  
**Characteristics:** Round grain, washed  
**Stone:** Limestone

20 – 30 mm	PE sack	25 kg	48	90 04179 52526 6	1500 kg/m³	50
20 – 30 mm	Big bag	1000 kg	1	90 04179 52529 7	1500 kg/m³	50

**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/m³	45
15 – 25 mm	Big bag	1000 kg	1	90 04179 52409 2	1500 kg/m³	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/m³	30
7 – 15 mm	Big bag	1000 kg	1	90 04179 48309 2	1500 kg/m³	30
40 – 60 mm	PE sack	25 kg	24	90 04179 48706 9	1500 kg/m³	90
40 – 60 mm	Big bag	1000 kg	1	90 04179 48709 0	1500 kg/m³	90

**Marble decorative pebbles, Danube blue**  
Blue-grey marble gravel with white and light grey gravel.  
Simple and reserved – goes perfectly with modern architecture.  
**Characteristics:** Round grain, washed  
**Stone:** Marble

20 – 30 mm	PE sack	25 kg	48	90 04179 50526 8	1500 kg/m³	50
20 – 30 mm	Big bag	1000 kg	1	90 04179 50529 9	1500 kg/m³	50

**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/m³	30
7 – 15 mm	Big bag	1000 kg	1	90 04179 50309 7	1500 kg/m³	30
15 – 25 mm	PE sack	25 kg	24	90 04179 50506 0	1500 kg/m³	45
15 – 25 mm	Big bag	1000 kg	1	90 04179 50509 1	1500 kg/m³	45
25 – 40 mm	PE sack	25 kg	24	90 04179 50606 7	1500 kg/m³	60
25 – 40 mm	Big bag	1000 kg	1	90 04179 50609 8	1500 kg/m³	60
40 – 60 mm	PE sack	25 kg	24	90 04179 50706 4	1500 kg/m³	90
40 – 60 mm	Big bag	1000 kg	1	90 04179 50709 5	1500 kg/m³	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, color mix



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

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.



H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88301 4
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## Marble monolith, White with veins

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



H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88302 1
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## Marble monolith, Lilac

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



H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88303 8
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DECORATIVE STONES

GARDEN BLOCKS

GABIONS

ENVIRONMENT & LEISURE

CONSTRUCTION

ACCESSORIES

Size

Unit

Units/pallet

EAN code

Size

Unit

Units/pallet

EAN code

## Marble monolith, Lilac

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



H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88304 5
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## Marble monolith, Royal red

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



H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88305 2
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## Travertin monolith, Fire red

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



H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88306 9
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## Kristall monolith, Sunrise

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



H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88307 6
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## Kristall monolith, Sunrise

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



H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88308 3
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## Angel Stone monolith, Green white

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



H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88309 0
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## Gneiss stele, Poplar silver

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



H 90 – 120 cm	1 Pc. (approx. 50 kg)	1	90 04179 88411 0
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## Marble monolith, Black grey

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

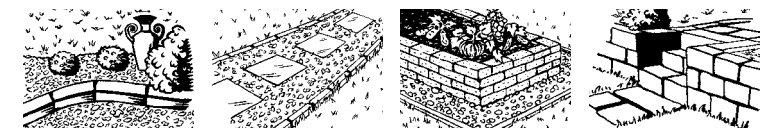


H 60 – 90 cm	1 Pc. (60-140 kg)	1	90 04179 88310 6
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**i** The declarations of performance for our construction products which are in line with the EU construction product regulation (BauPVo, EU regulation 305/2011) can be found on our website [www.scherf.at](http://www.scherf.at) under „Products“.



# GARDEN BLOCKS

TUFF STONES | STEPPING SLABS | MOWING EDGE



# 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
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## 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 12 x 5,5 cm	1 pc. (2,5 kg)	400	90 04179 58010 4	72
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## Tuff block

Kerbstone for enclosing lawn areas, flower-beds, 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
------------------------	---------------	----	------------------	----

## Tuff block

For construction of external walls (house construction, garden sheds).  
**Characteristics:** Natural brick, sawed



approx.37 x 27 x 20 cm	1 pc. (30 kg)	35	90 04179 58130 9	14
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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

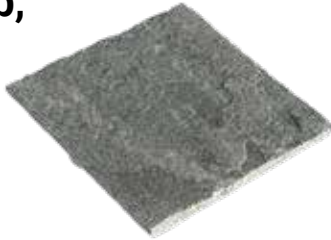
White marble stepping slab with grey clouds and patina.  
**Characteristics:** Natural stone, serrated, rounded  
**Stone:** Marble  
**Packaging:** Wood frame



L 40 x W 40 x H 4,5 cm	1 pc. (approx.19,2 kg)	44	90 04179 87000 7
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## 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:** Quarzite  
**Packaging:** Wood frame



Ø 25-40 cm x H 2,5-3,5 cm	1 pc. (approx.5,6 kg)	70	90 04179 87012 0
Ø 35-50 cm x H 3-4,5 cm	1 pc. (approx.10 kg)	40	90 04179 87013 7

DECORATIVE STONES

GARDEN BLOCKS

GABIONS

ENVIRONMENT & LEISURE

CONSTRUCTION

ACCESSORIES

## 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:** Quarzite  
**Packaging:** Wood frame



Ø 25-40 cm x H 2,5-3,5 cm	1 pc. (approx.7,8 kg)	70	90 04179 87014 4
Ø 35-50 cm x H 3-4,5 cm	1 pc. (approx.14,2 kg)	40	90 04179 87015 1

## Slate stepping slab, rust 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, Graphite black

Slate stepping slab with velvety shiny surface structure. **Tip:** Ø 20-40 cm is ideal for placing candles on graves.  
**Characteristics:** Natural stone, split, rounded, hand-edged  
**Stone:** Slate  
**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, pastel green

Slate stepping slab with velvety shiny surface structure. **Tip:** Ø 20-40 cm is ideal for placing candles on graves.  
**Characteristics:** Natural stone, split, rounded, hand-edged  
**Stone:** Slate  
**Packaging:** Wood frame



Ø 20-40 cm x H 2 cm	1 pc. (approx. 4 kg)	200	90 04179 87077 9
Ø 30-50 cm x H 2 cm	1 pc. (approx. 6 kg)	130	90 04179 87076 2

# MOWING EDGE

The natural stone mowing edge means that lawns can be maintained without a trimmer. Also suitable as a paving stone for block paving.

## Layer

The mowing edge can be laid directly in the soil. In order to reduce elevation and sinking, it is recommended to cut out at least 10 cm of the soil and lay the mowing edge in a compacted bedding made of SCHERF broken gravel 0-32 mm and SCHERF paving chippings.


## Quartzite mowing edge, grey-green

Highly robust quartzite mowing edge. Blends in very well with any garden style.  
**Characteristics:** Natural stone, split  
**Stone:** Quartzite  
**Packaging:** Mesh




Size	Unit	Uniten/pallet	EAN code
L free x W 10 x H 3-5 cm	1 linear metre (approx.11 kg)	50	90 04179 87500 2







Very long lifespan



Non-flake coating



Strong wire




„State of the art“

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

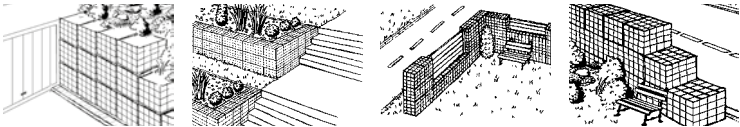
- Free-standing walls  
Visual privacy, noise abatement, protection from wind and dust, wall coverings, land enclosures, fencing of parks and playgrounds, entrance and transit barriers, structures (e.g.: carports).
- Retaining walls  
Slope and embankment fortification, garden walls, landslide rehabilitation, 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 5). 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.



		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

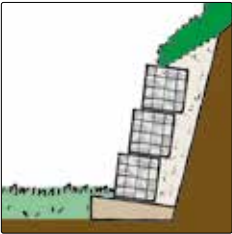


- Prefabricated elements, filled and highly compressed in the factory
- Delivery to the site ready for installation
- Fast installation (short construction time)
- Minimal manual and machine work necessity
- Dimensionally accurate baskets
- No settling of the fill material
- No space required for bulk 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/mm<sup>2</sup> (6 mm wire thickness)

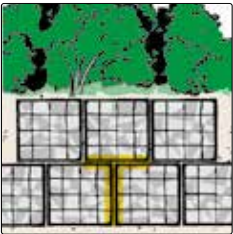
## Wall construction

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, Danube blue

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



## Marble rock gabion, Chateau beige

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



## Marble rock gabion, Grey white

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



## Marble rock gabion, Red brown

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



## Granite rock gabion, Salt & pepper

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



## Marble rock gabion, Gold ochre

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



## Basalt rock gabion, Black

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



## Chlorite rock gabion, Greenschist

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



## River pebbles gabion, Colourful

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

Upon request, horizontal colour combinations within a gabion are also possible.



# PREFABRICATED GABION SIZES

## L 50 x D 50 x H 50 cm

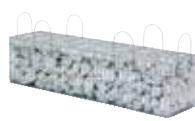
Packaging: Pallet



Colour	Unit	EAN code	
Cloud white	1 pc. (approx. 190 kg)	90 04179 54000 9	<b>D 50</b>
Chateau beige	1 pc. (approx. 190 kg)	90 04179 54001 6	
Red brown	1 pc. (approx. 190 kg)	90 04179 54007 8	
Gold ochre	1 pc. (approx. 190 kg)	90 04179 54090 0	
Greenschist	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	
Cloud white	1 pc. (approx. 780 kg)	90 04179 54200 3	<b>D 50</b>
Chateau beige	1 pc. (approx. 780 kg)	90 04179 54201 0	
Red brown	1 pc. (approx. 780 kg)	90 04179 54207 2	
Gold ochre	1 pc. (approx. 780 kg)	90 04179 54290 4	
Greenschist	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	
Cloud white	1 pc. (approx. 390 kg)	90 04179 54100 6	<b>D 50</b>
Chateau beige	1 pc. (approx. 390 kg)	90 04179 54101 3	
Red brown	1 pc. (approx. 390 kg)	90 04179 54107 5	
Gold ochre	1 pc. (approx. 390 kg)	90 04179 54190 7	
Greenschist	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	
Cloud white	1 pc. (approx. 780 kg)	90 04179 54300 0	<b>D 50</b>
Chateau beige	1 pc. (approx. 780 kg)	90 04179 54301 7	
Red brown	1 pc. (approx. 780 kg)	90 04179 54307 9	
Gold ochre	1 pc. (approx. 780 kg)	90 04179 54390 1	
Greenschist	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	
Cloud white	1 pc. (approx. 580 kg)	90 04179 55100 5	<b>D 50</b>
Chateau beige	1 pc. (approx. 580 kg)	90 04179 55101 2	
Red brown	1 pc. (approx. 580 kg)	90 04179 55107 4	
Gold ochre	1 pc. (approx. 580 kg)	90 04179 55190 6	
Greenschist	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	
Cloud white	1 pc. (approx. 1170 kg)	90 04179 54400 7	<b>D 50</b>
Chateau beige	1 pc. (approx. 1170 kg)	90 04179 54401 4	
Red brown	1 pc. (approx. 1170 kg)	90 04179 54407 6	
Gold ochre	1 pc. (approx. 1170 kg)	90 04179 54490 8	
Greenschist	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	
Cloud white	1 pc. (approx. 1600 kg)	90 04179 54500 4	<b>D 50</b>
Chateau beige	1 pc. (approx. 1600 kg)	90 04179 54501 1	
Red brown	1 pc. (approx. 1600 kg)	90 04179 54507 3	
Gold ochre	1 pc. (approx. 1600 kg)	90 04179 54590 5	
Greenschist	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	
Cloud white	1 pc. (approx. 1600 kg)	90 04179 54800 5	<b>D 100</b>
Chateau beige	1 pc. (approx. 1600 kg)	90 04179 54801 2	
Red brown	1 pc. (approx. 1600 kg)	90 04179 54807 4	
Gold ochre	1 pc. (approx. 1600 kg)	90 04179 54890 6	
Greenschist	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	
Cloud white	1 pc. (approx. 780 kg)	90 04179 54600 1	<b>D 100</b>
Chateau beige	1 pc. (approx. 780 kg)	90 04179 54601 8	
Red brown	1 pc. (approx. 780 kg)	90 04179 54607 0	
Gold ochre	1 pc. (approx. 780 kg)	90 04179 54690 2	
Greenschist	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	
Cloud white	1 pc. (approx. 2400 kg)	90 04179 54900 2	<b>D 100</b>
Chateau beige	1 pc. (approx. 2400 kg)	90 04179 54901 9	
Red brown	1 pc. (approx. 2400 kg)	90 04179 54907 1	
Gold ochre	1 pc. (approx. 2400 kg)	90 04179 54990 3	
Greenschist	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	
Cloud white	1 pc. (approx. 1600 kg)	90 04179 54700 8	<b>D 100</b>
Chateau beige	1 pc. (approx. 1600 kg)	90 04179 54701 5	
Red brown	1 pc. (approx. 1600 kg)	90 04179 54707 7	
Gold ochre	1 pc. (approx. 1600 kg)	90 04179 54790 9	
Greenschist	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	
Cloud white	1 pc. (approx. 3200 kg)	90 04179 55000 8	<b>D 100</b>
Chateau beige	1 pc. (approx. 3200 kg)	90 04179 55001 5	
Red brown	1 pc. (approx. 3200 kg)	90 04179 55007 7	
Gold ochre	1 pc. (approx. 3200 kg)	90 04179 55090 9	
Greenschist	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 m<sup>2</sup>. Every surface can be made into a manually arranged surface.



## Manually arranged gabion visible surfaces

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



**Marble rock, Cloud white**



**Marble rock, Danube blue**



**Marble rock, Chateau beige**



**Marble rock, Grey white**



**Marble rock, Red brown**



**Granite rock, Salt & pepper**



**Marble rock, Gold ochre**



**Basalt rock, Black**



**Chlorite rock, Greenschist**



**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](http://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 62) must be larger than the mesh size.

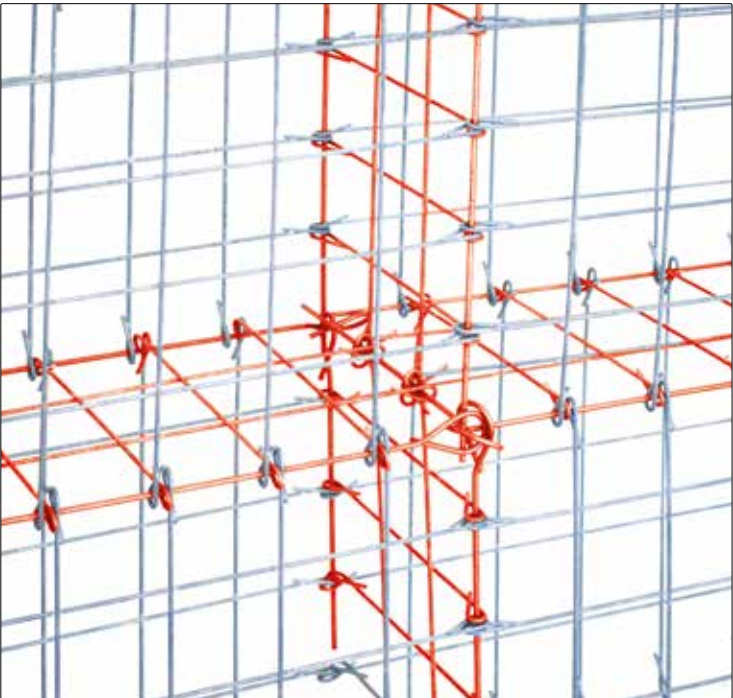
## The monolithic (continuous) construction

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

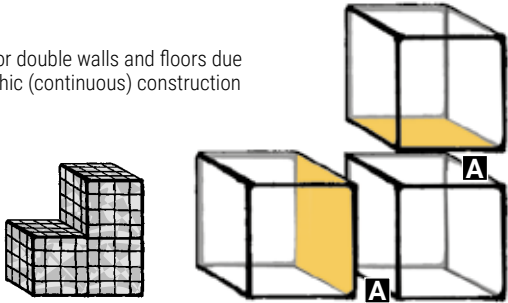
Cost savings of roughly 10 - 20%. If you place an order, we can calculate the exact material requirements for your project (gabion mats, plug fasteners, spacers and fill material) if you wish.

- High level of stability
- No joints
- Cost savings



Only one partition wall or partition floor!

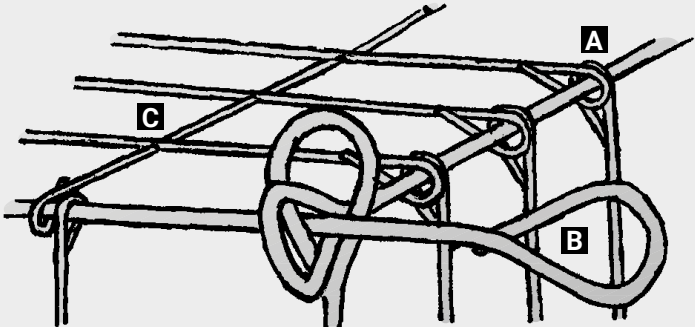
**A** No need for double walls and floors due to monolithic (continuous) construction



### TYPE 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

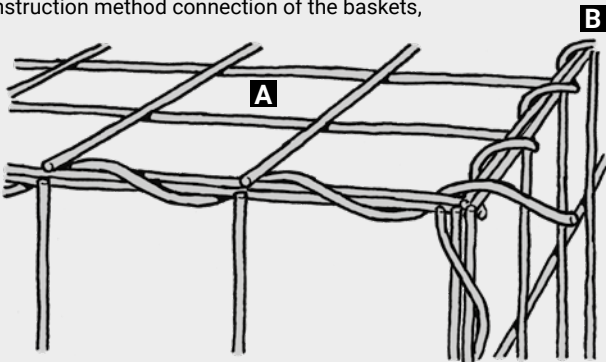
### TYPE 2

## 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	D 30
L 30 x D 30 x H 30 cm	1 pc. (3,4 kg)	90 04179 56050 2	
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	D 50
L 50 x D 50 x H 30 cm	1 pc. (6,1 kg)	90 04179 56058 8	
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	D 100
L 100 x D 100 x H 30 cm	1 pc. (15,3 kg)	90 04179 56066 3	
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	D 30
L 30 x D 30 x H 30 cm	1 pc. (2,6 kg)	90 04179 56071 7	
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	D 50
L 50 x D 50 x H 30 cm	1 pc. (4,4 kg)	90 04179 56079 3	
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	D 100
L 100 x D 100 x H 30 cm	1 pc. (10,6 kg)	90 04179 56087 8	
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	

DECORATIVE STONES

GARDEN BLOCKS

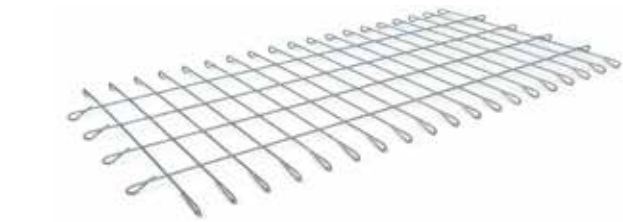
GABIONS

ENVIRONMENT & LEISURE

CONSTRUCTION

ACCESSORIES

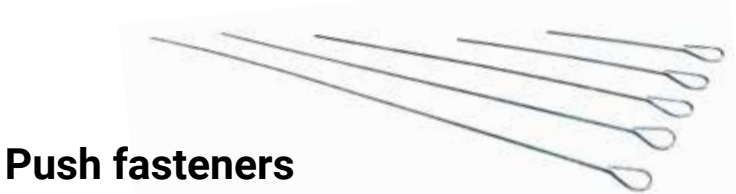
Individual parts for determination of material needs in monolithic construction



## Mats, mesh size 5 x 10 cm

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

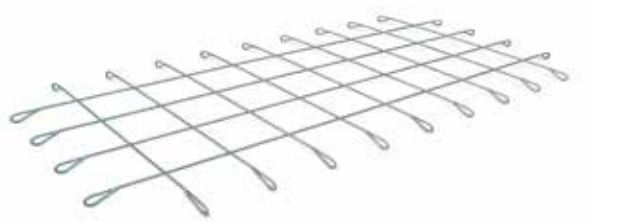
Size	Unit	EAN code
L 30 x H 30 cm	1 pc. (0,4 kg)	90 04179 56510 1
L 50 x H 30 cm	1 pc. (0,7 kg)	90 04179 56200 1
L 100 x H 30 cm	1 pc. (1,3 kg)	90 04179 56210 0
L 150 x H 30 cm	1 pc. (2,0 kg)	90 04179 56220 9
L 200 x H 30 cm	1 pc. (2,5 kg)	90 04179 56230 8
L 30 x H 50 cm	1 pc. (0,6 kg)	90 04179 56530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

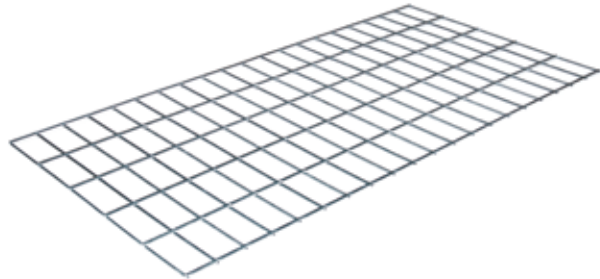
**Packaging:** Pallet  
**Characteristics:** Steel wire, 4.5 mm, zinc-aluminium alloy

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

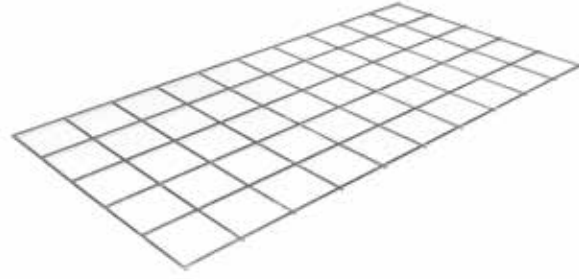
Size	Unit	EAN code
L 30 x H 30 cm	1 pc. (0,4 kg)	90 04179 56513 2
L 50 x H 30 cm	1 pc. (0,7 kg)	90 04179 56203 2
L 100 x H 30 cm	1 pc. (1,3 kg)	90 04179 56213 1
L 150 x H 30 cm	1 pc. (1,9 kg)	90 04179 56223 0
L 200 x H 30 cm	1 pc. (2,6 kg)	90 04179 56233 9
L 30 x H 50 cm	1 pc. (0,7 kg)	90 04179 56573 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



## 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



## 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



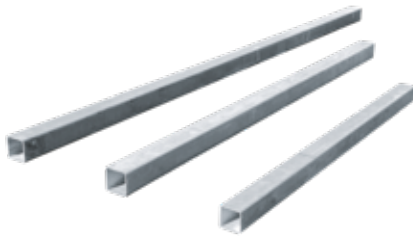
## Spacers

**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



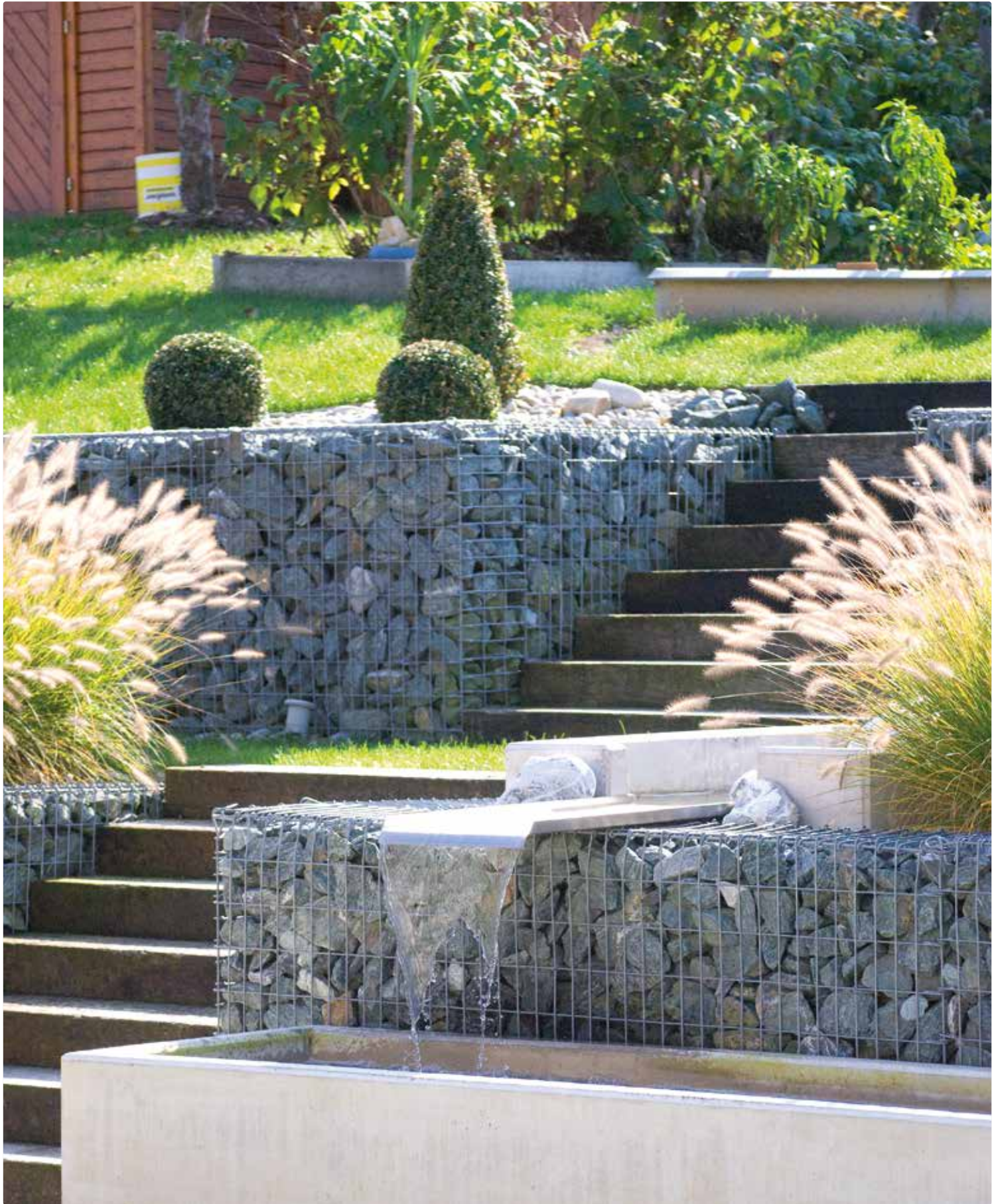
Size	Unit	EAN code
L 25 x W 25 x H 75 cm	1 pc. (6,9 kg)	90 04179 56699 3



## 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



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.

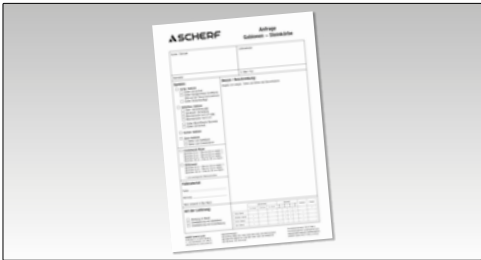


An exact-fitting spiral wire ensures precise corner joints.



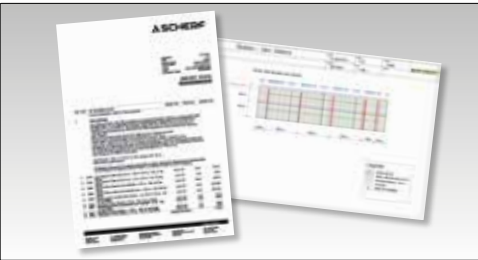
After construction, the fence gabion is filled from above.

## 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

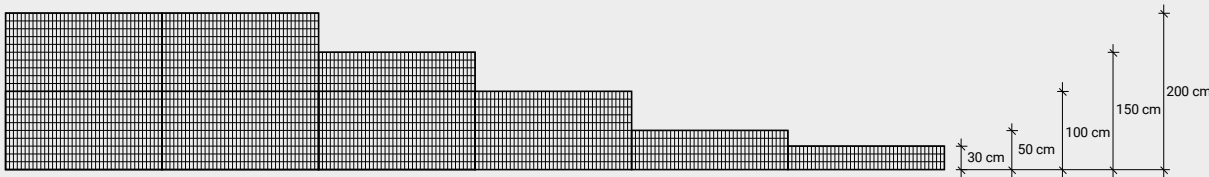
**Simple construction using instructions!**  
Precise instructions are included (also available at [www.scherf.at](http://www.scherf.at) under "Downloads"). You can also find the exact design of the foundations there.



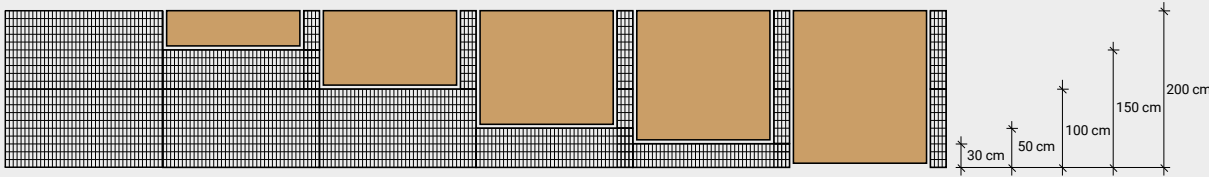
### Step 4 – Filling

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 62. These materials are ideally suited for the mesh size and wall depth.

## 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.

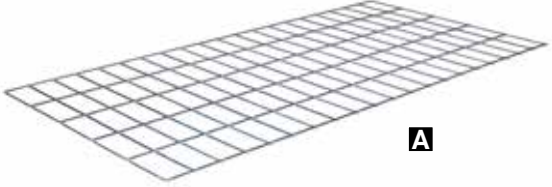


# COMPONENTS OF THE FENCE GABION

SCHERF will determine the needed materials for the project



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



## Mats, mesh size 5 x 10 cm

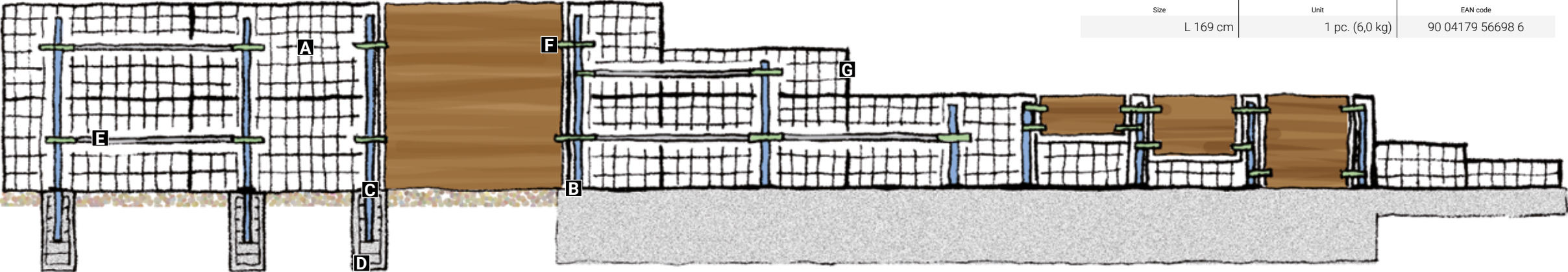
Packaging: Pallet  
Characteristics: Steel wire, 4.5 mm, zinc-aluminium alloy

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



## Upright to be screwed in

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

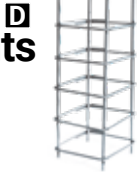
Size	Zaunhöhe	Unit	EAN code
L 90 cm	H 100 cm	1 pc. (8,5 kg)	90 04179 56680 1
L 135 cm	H 150 cm	1 pc. (14,0 kg)	90 04179 56681 8
L 185 cm	H 200 cm	1 pc. (23,5 kg)	90 04179 56682 5



## 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  $\geq 450\text{ N/mm}^2$
- 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 62). 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](http://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 GABIONS



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](http://www.asfinag.at) and [www.verkehr.steiermark.at](http://www.verkehr.steiermark.at).

Classification of the sound absorption according to EN 1793-1

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

DL<sub>a</sub> [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





# 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 25



### Marble rock, Cloud white

Characteristics: Crushed, washed  
Stone: Marble

50 – 100 mm	Big bag	1000 kg	1	1500 kg/m³	90 04179 41759 2
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### Marble rock, Chateau beige

Characteristics: Crushed, washed  
Stone: Dolomite

50 – 150 mm	Big bag	1000 kg	1	1500 kg/m³	90 04179 41849 0
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### Marble rock, Carrara white

Characteristics: Crushed  
Stone: Marble

60 – 140 mm	Big bag	1000 kg	1	1550 kg/m³	90 04179 41819 3
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### Marble rock, Verona red

Characteristics: Crushed, washed  
Stone: Marble

50 – 100 mm	Big bag	1000 kg	1	1400 kg/m³	90 04179 45719 2
80 – 200 mm	Big bag	1000 kg	1	1400 kg/m³	90 04179 45819 9



### Marble rock, Royal red

Characteristics: Crushed, washed  
Stone: Marble

50 – 100 mm	Big bag	1000 kg	1	1500 kg/m³	90 04179 45759 8
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### Marble rock, Danube blue

Characteristics: Crushed  
Stone: Marble

50 – 100 mm	Big bag	1000 kg	1	1500 kg/m³	90 04179 49739 6
80 – 200 mm	Big bag	1000 kg	1	1500 kg/m³	90 04179 49839 3



### Marble rock, Red brown

Characteristics: Crushed, washed  
Stone: Marble

50 – 100 mm	Big bag	1000 kg	1	1500 kg/m³	90 04179 45769 7
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### Marble rock, Grey white

Characteristics: Crushed, washed  
Stone: Limestone

50 – 100 mm	Big bag	1000 kg	1	1550 kg/m³	90 04179 49709 9
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### Marble rock, Gold ochre

Characteristics: Crushed, washed  
Stone: Marble

50 – 100 mm	Big bag	1000 kg	1	1500 kg/m³	90 04179 51749 0
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### Gneiss rock, Glimmer grey

Characteristics: Crushed  
Stone: Gneiss

50 – 100 mm	Big bag	1000 kg	1	1500 kg/m³	90 04179 49719 8
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### Green slate rock, Glitter green

Characteristics: Crushed, washed  
Stone: Greenschist

50 – 100 mm	Big bag	1000 kg	1	1600 kg/m³	90 04179 47729 9
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### Granite rock, Salt & pepper

Characteristics: Crushed, washed  
Stone: Granite

50 – 100 mm	Big bag	1000 kg	1	1600 kg/m³	90 04179 49779 2
80 – 200 mm	Big bag	1000 kg	1	1600 kg/m³	90 04179 49879 9



Size/grain	Packaging	Unit	Units/pallet	Bulk density	EAN code
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Basalt rock, Black

Characteristics: Crushed, washed  
Stone: Basalt

50 – 100 mm	Big bag	1000 kg	1	1550 kg/m³	90 04179 49729 7
80 – 200 mm	Big bag	1000 kg	1	1550 kg/m³	90 04179 49829 4



Marble rock, Black-white

Characteristics: Crushed, washed  
Stone: Marble

50 – 100 mm	Big bag	1000 kg	1	1550 kg/m³	90 04179 49799 0
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River pebbles, Colourful

Characteristics: Round, double-washed  
Stone: Quartz

50 – 150 mm	Big bag	1000 kg	1	1600 kg/m³	90 04179 32649 8
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NEW

Glass rocks, Tahiti turquoise

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

50 – 100 mm	Mesh basket	600 kg	1	1250 kg/m³	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.

## 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.

**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.

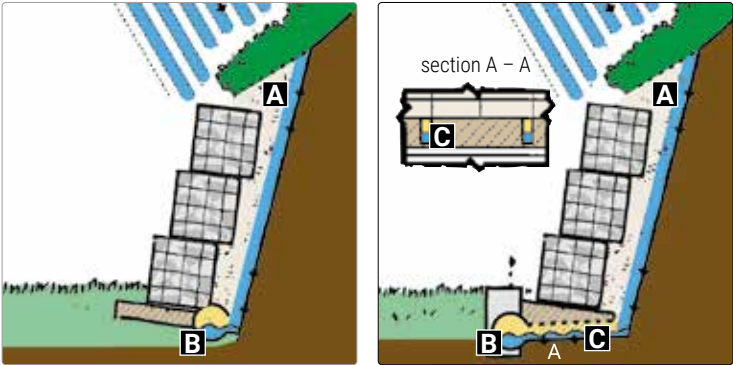
In general, larger angles of inclination make it possible to realise higher walls (e.g. with stepping).

**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).

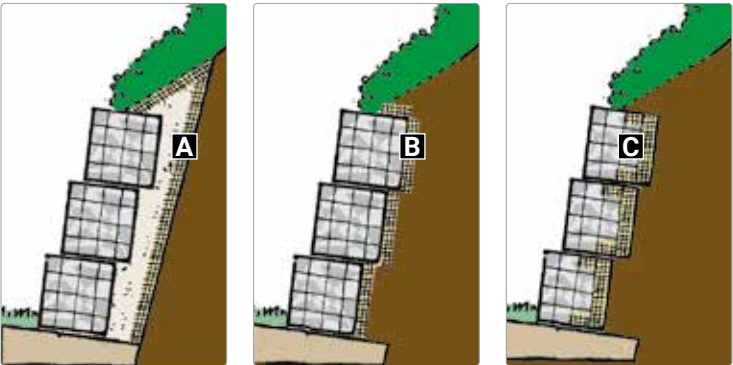
To prevent movement and damage, the area of at least 1 m width directly behind the wall has to be compressed only with light equipment. Head banks above a retaining wall should not be steeper than 33° and be protected from erosion by planting. The foot of the head bank should be at least 50 cm behind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

## 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](http://www.scherf.at) under „Products“.



# ENVIRONMENT & LEISURE







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



Making-of video – sand sculpture professional Leonardo Ugolini and the “Fat House”.



## Sculpture sand

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

0 – 3 mm	Big bag	1000 kg	1	1300 kg/m³	90 04179 02129 4
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# SPORTS



## Beach volleyball sand (quartz sand)

Beach volleyball and beach soccer sand.  
**Colour:** Beige  
**Characteristics:** Round, washed  
**Properties:** Sand seal of approval awarded by the Austrian Volleyball Federation Beach Volleyball Unit, abrasion-resistant (low dust generation), SiO<sub>2</sub> proportion > 90%, natural, frost- and salt-resistant, lime-free, optimal grain-size distribution, does not harden, injury-free play (no abrasions), easy on the joints, easy to maintain.

0,1 – 1 mm	Big bag	1000 kg	1	1400 kg/m³	90 04179 13149 8
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## Long-jump sand (quartz sand)

Sand for long-jump facilities.  
**Colour:** Beige  
**Characteristics:** Round, washed  
**Eigenschaften:** Significant round grain ratio, thus good impact- and joint-friendly landing, strong landing mark, drains water quickly, wear-resistant (no dust), SiO<sub>2</sub> 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/m³	90 04179 13049 1
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## Footing for riding arenas (quartz sand)

Sand for riding arena-footing.  
**Colour:** Beige  
**Characteristics:** Round  
**Properties:** Conforms to the FLL recommendations for the construction of riding arenas, abrasion resistant, frost resistant, lime free.

0,06 – 1 mm	Bulk	1000 kg		1250 kg/m³	90 04179 02210 9
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DECORATIVE STONES	GARDEN BLOCKS	GABIONS	ENVIRONMENT & LEISURE
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CONSTRUCTION	ACCESSORIES
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## Lawn sand (quartz sand)

For sanding lawn areas. For a healthy and lush lawn.  
**Colour:** Beige  
**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 cool dry place.

0,06 – 2 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 17026 8
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## Artificial turf sand (quartz sand)

Filling sand for artificial turf surfaces.  
**Colour:** Beige  
**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”. SiO<sub>2</sub> percentage > 96 %, limescale content < 2 %.

0,3 – 1,25 mm	Big bag	1000 kg	1	1500 kg/m³	90 04179 17159 3
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## Topdressing sand for sports fields (quartz sand)

Sanding material for grass sports fields.  
**Colour:** Beige  
**Characteristics:** Round grain, washed  
**Eigenschaften:** Corresponds to ÖNORM B 2606-1 sports field coverings - lawn coverings. Optimum grading curve, lime-free, abrasion-resistant, SiO<sub>2</sub> 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/m³	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/m³	90 04179 17309 2
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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.

**Beschaffenheit:** 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](http://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



NEW







# PLANT GRANULES

**Recommended by the Society of Austrian Cactus Friends**  
(founded in 1931)

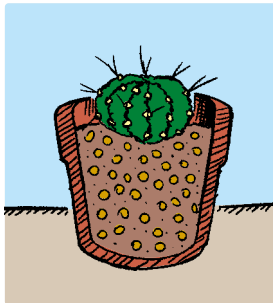


## Characteristics

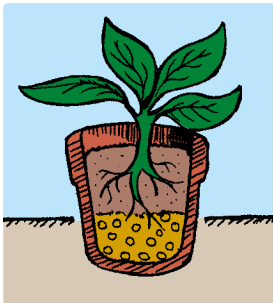
- Purely mineral - no organics
- structurally stable
- no waterlogging
- high air void volume
- high water and nutrient storage capacity and optimal supply of the roots
- promotes root development and ensures healthy and strong root growth
- biological control of fungus gnats when used as a mineral covering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



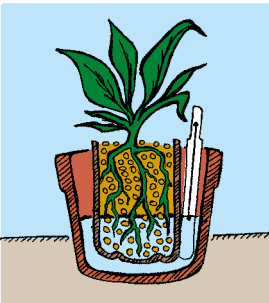
## Application



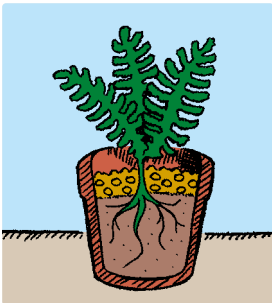
Sowing & growing substrate



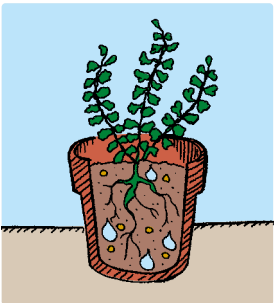
Drainage material



Hydroponic substrate



Decorative covering material



Water storage as a mixing component



**Sowing & care instructions**  
[www.scherf.at](http://www.scherf.at), "Downloads"



**Free application tips**  
[www.cactusaustria.at](http://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:** Multicolor  
**Stone:** Pumice, lava, zeolite, quartz gravel

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



NEW

## 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

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



NEW

## 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  
**Gestein:** Pumice  
**Characteristics:** Round grain, washed

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



NEW

## 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

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



NEW

## 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

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



NEW







# AQUARIUMS



## Aquarium sand (quartz sand), Beige

Natural quartz sand for use as substrate for aquariums.  
**Colour:** Beige  
**Characteristics:** Round grain, washed, fire-dried  
**Properties:** SiO<sub>2</sub> percentage >90%, natural, acid-resistant, lime-free.

0,4 – 0,8 mm	PE sack	10 kg	1	1400 kg/m³	90 04179 14474 0
0,4 – 0,8 mm	PE sack	25 kg	48	1400 kg/m³	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:** SiO<sub>2</sub> percentage >90%, natural, acid-resistant, lime-free.

1 – 2 mm	PE sack	5 kg	1	1500 kg/m³	90 04179 15173 1
1 – 2 mm	PE sack	10 kg	1	1500 kg/m³	90 04179 15174 8
1 – 2 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 15176 2
2 – 4 mm	PE sack	5 kg	1	1500 kg/m³	90 04179 15673 6
2 – 4 mm	PE sack	10 kg	1	1500 kg/m³	90 04179 15674 3
2 – 4 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 15676 7
4 – 8 mm	PE sack	5 kg	1	1500 kg/m³	90 04179 15873 0
4 – 8 mm	PE sack	10 kg	1	1500 kg/m³	90 04179 15874 7
4 – 8 mm	PE sack	25 kg	48	1500 kg/m³	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:** SiO<sub>2</sub> percentage >90%, natural, acid-resistant, lime-free.

0,4 – 0,8 mm	PE sack	10 kg	1	1400 kg/m³	90 04179 14484 9
0,4 – 0,8 mm	PE sack	25 kg	48	1400 kg/m³	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:** SiO<sub>2</sub> percentage >90%, natural, acid-resistant, lime-free.

2 – 4 mm	PE sack	5 kg	1	1500 kg/m³	90 04179 15683 5
2 – 4 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 15686 6



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

TIP

# WINTER

## 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:** High-grade crushed aggregate, dry. Store in a cool dry place!  
**Properties:** Complies with the conditions for execution of ÖNORM B 2214 outsourcing standard for paving work (no round grain) and the specifications of RVS 08.18.01 "Cobblestone and paving slab surfaces, borders" for load class III, complies with the TL spreading materials, dust content <0.063 mm max 1% high abrasion resistance (minimal dust formation), does not cause corrosion, does not cumulate (no unevenness), permeable to water, natural, frost-resistant, lime-free, CE marked.  
**Storage:** Store opened pallets in a cool dry place.

2 – 4 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 30116 7
4 – 8 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 30216 4



The material is delivered in different colors depending on availability!

## 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 cool dry place.

2 – 4 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 30176 1
2 – 4 mm	Big bag	1000 kg	1	1500 kg/m³	90 04179 30179 2
4 – 8 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 30276 8
4 – 8 mm	Big bag	1000 kg	1	1500 kg/m³	90 04179 30279 9

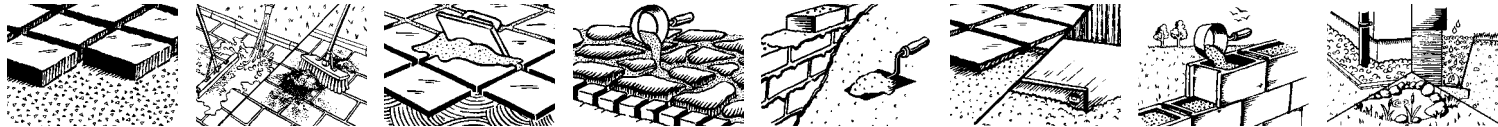






**!** Our natural products are subject to variation in colour, texture and size. Due to the nature of the printing process, the images may not correspond to the actual material colour.

**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](http://www.scherf.at) under „Products“.



# CONSTRUCTION



# PAVING



The material is delivered in different colors 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 conditions for execution of ÖNORM B 2214 outsourcing standard for paving work (no round grain) and the specifications of RVS 08.18.01 "Cobblestone and paving slab surfaces, borders", high abrasion resistance, does not cause corrosion, does not cumulate (no unevenness), permeable to water, natural, frost-resistant, lime-free, 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



NEW



Recycled material

## Paving chippings

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.  
**Colour:** Concrete gray  
**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 cool 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



## 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  
**Eigenschaften:** Complies with the specifications of ZTV paving StB 06 and the TL paving StB06, sustainable and stable joints due to crushed grain, reduced filler content, does not sink into the gravel bed, natural, frost-resistant, lime-free.  
**Use:** See joint sand (quartz sand), beige  
**Storage:** Store opened pallets in a cool 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 specifications of ZTV paving StB 06 and the TL paving StB06, sustainable and stable joints due to crushed grain, reduced filler content, does not sink into the gravel bed, natural, frost-resistant, calciferous.  
**Use:** See joint sand (quartz sand), beige  
**Storage:** Store opened pallets in a cool 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

For grouting paving and slabbed surfaces made of concrete blocks and natural stone.  
**Colour:** concrete-gray  
**Gestein:** 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 cool 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



NEW



Recycled material

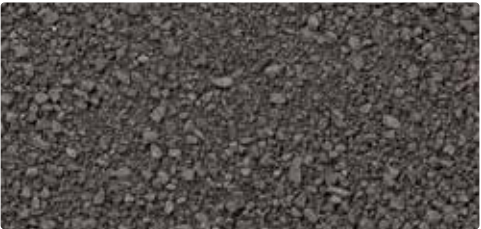
## Joint sand, Anthracite (dry)

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 cool 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



## e quartz sand

Aggregate for tile grout. For emaciating tile adhesives. For grouting paving stones with joints of < 2 mm.  
**Colour:** Beige  
**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 cool dry place.

0,06 – 0,3 mm	PE sack	25 kg	48	1400 kg/m³	90 04179 13066 8
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## Quartz sand

Available in different grain sizes. For a variety of uses.  
**Colour:** Beige  
**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 cool dry place.

0,06 – 1 mm	PE sack	25 kg	48	1400 kg/m³	90 04179 13166 5
0,3 – 1 mm	PE sack	25 kg	48	1400 kg/m³	90 04179 14166 4
0,3 – 2 mm	PE sack	25 kg	48	1400 kg/m³	90 04179 14366 8
0,4 – 0,8 mm	PE sack	25 kg	40	1400 kg/m³	90 04179 14466 5
0,7 – 1,2 mm	PE sack	25 kg	40	1400 kg/m³	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.

**Colour:** Beige  
**Characteristics:** Round, washed  
**Properties:** Optimal workability, abrasion-resistant (hardness 7 on the mohs scale of hardness) SiO<sub>2</sub> proportion > 90%, natural, frost- and salt-resistant, lime-free. CE mark.

0,06 – 1 mm	Big bag	1000 kg	1	1350 kg/m³	90 04179 13049 1
0,1 – 1 mm	Big bag	1000 kg	1	1400 kg/m³	90 04179 13149 8
0,06 – 2 mm	Big bag	1000 kg	1	1500 kg/m³	90 04179 13349 2
0,5 – 2 mm	Big bag	1000 kg	1	1500 kg/m³	90 04179 14649 2



## Cable sand

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

0 – 5 mm	Bulk	1000 kg		1400 kg/m³	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.  
**Colour:** Beige  
**Characteristics:** Round grain  
**Properties:** High plaster hardness, ideal grading curve, optimum processing characteristics, natural, frost-resistant, lime-free.

0 – 5 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 10006 7
0 – 5 mm	Big bag	1000 kg	1	1500 kg/m³	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/m³	90 04179 40116 4
0 – 2 mm	PE sack	25 kg	48	1500 kg/m³	90 04179 40216 1



## Abrasive sand (cutting sand, fine plaster sand)

Aggregate for: Fine plaster for interior and exterior surfaces, pavement fixing mortar, repair mortar.  
**Colour:** Beige Brown  
**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/m³	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).  
**Colour:** Beige Brown  
**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/m³	90 04179 11026 4
0,06 – 4 mm	Big bag	1000 kg	1	1600 kg/m³	90 04179 11029 5
0,06 – 8 mm	PE sack	25 kg	48	1600 kg/m³	90 04179 11226 8
0,06 – 8 mm	Big bag	1000 kg	1	1600 kg/m³	90 04179 11229 9



## Concrete ballast (gravel concrete)

Aggregate for concrete.  
**Colour:** Beige Brown  
**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/m³	90 04179 31206 4
0 – 16 mm	Big bag	1000 kg	1	1700 kg/m³	90 04179 31209 5





# BAUKIES & SCHOTTER



## 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.

**Colour:** Bright and colourful  
**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	Big bag	1000 kg	1	1650 kg/m³	90 04179 32009 0
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.  
**Colour:** Colourful  
**Stone:** Quartz  
**Characteristics:** Round, double-washed  
**Properties:** No fine sand or fine grains, natural, frost-resistant, CE-marked, chalk-free, corresponds with ÖNORM L 1128 standards for the construction of swimming ponds and natural pools (low phosphor content, low 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.

**Colour:** Beige  
**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
40 – 70 mm	Big bag	1000 kg	1	1500 kg/m³	90 04179 34019 7



# 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.



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](http://www.scherf.at) under the menu item "Downloads".

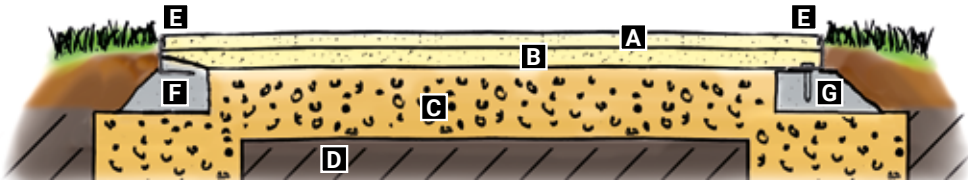
## Single layer construction – 8 mm surface grain

### 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](http://www.scherf.at) under the menu item "Downloads".



### Top layer

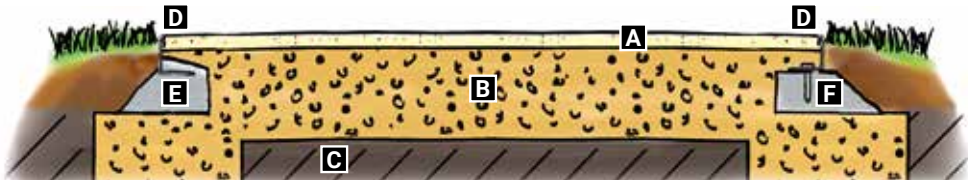
Characteristics: Crushed aggregate

Colour	Size/grain	Packaging	Unit	Units /pallet	Bulk density uncompressed	EAN code	Installation thickness in mm	kg/ m² approx.
Chateau beige	0 – 5 mm	Big bag	1000 kg	1	1450 kg/m³	90 04179 04109 4	40	77
Gold ochre	0 – 5 mm	Big bag	1000 kg	1	1450 kg/m³	90 04179 04119 3	40	77
Danube blue	0 – 5 mm	Big bag	1000 kg	1	1450 kg/m³	90 04179 04129 2	40	77
Silver grey	0 – 5 mm	Big bag	1000 kg	1	1450 kg/m³	90 04179 04139 1	40	77
Mouse grey	0 – 5 mm	Big bag	1000 kg	1	1450 kg/m³	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/ m² approx.
Chateau beige	0 – 11 mm	Big bag	1000 kg	1	1350 kg/m³	90 04179 04409 5	70	125
Gold ochre	0 – 11 mm	Big bag	1000 kg	1	1350 kg/m³	90 04179 04419 4	70	125
Danube blue	0 – 11 mm	Big bag	1000 kg	1	1350 kg/m³	90 04179 04429 3	70	125
Silver grey	0 – 11 mm	Big bag	1000 kg	1	1350 kg/m³	90 04179 04439 2	70	125
Mouse grey	0 – 11 mm	Big bag	1000 kg	1	1350 kg/m³	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/ m² approx.
Chateau beige	0 – 8 mm	Big bag	1000 kg	1	1450 kg/m³	90 04179 04209 1	40	77
Gold ochre	0 – 8 mm	Big bag	1000 kg	1	1450 kg/m³	90 04179 04219 0	40	77
Danube blue	0 – 8 mm	Big bag	1000 kg	1	1450 kg/m³	90 04179 04229 9	40	77
Silver grey	0 – 8 mm	Big bag	1000 kg	1	1450 kg/m³	90 04179 04239 8	40	77
Mouse grey	0 – 8 mm	Big bag	1000 kg	1	1450 kg/m³	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/ m² approx.
Pebble gray	0 – 8 mm	Big bag	1000 kg	1	1700 kg/m³	90 04179 04259 6	40	90

NEW

NEW





# 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)	✓ (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	✓		

Accessories will be prepared also per piece without order-picking costs.

DECORATIVE STONES

GARDEN BLOCKS

GABIONS

ENVIRONMENT & LEISURE

CONSTRUCTION

ACCESSORIES

# 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	Uniten/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

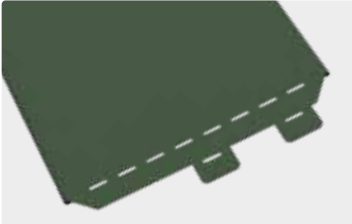
Size	Packaging	Unit	Uniten/Pallet	EAN code
L 96 cm x H 12 cm	Pallet	1 pc. (0,8 kg)	10	90 04179 81456 8
L 96 cm x H 18 cm	Pallet	1 pc. (1,2 kg)	10	90 04179 81458 2



## Lawn edge 'Easy', Moss green

Characteristics: Steel sheet 0.55 mm, powder-coated

Size	Packaging	Unit	Uniten/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	Uniten/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



Accessories will be prepared also per piece without order-picking costs.



# L-LAWN EDGES 'LIGHT'

- Properties:

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

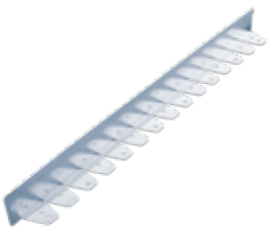
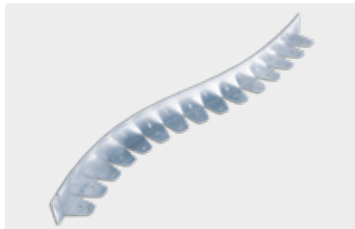
Excavation of the area to the height of the lawn edge minus 1 cm. Place anti-weed fabric onto the area if necessary. Determine and mark the line layout of the lawn edge. Slide the lawn edges together and anchor into the ground with long nails. Lightly bend, but do not fold, the curved elements before 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	Uniten/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

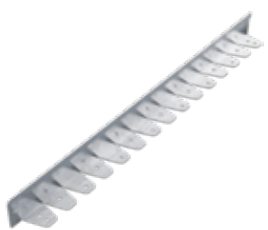
Size	Packaging	Unit	Uniten/Pallet	EAN code
L 121 cm x H 5 cm	Pallet	1 pc. (0,7 kg)	1	90 04179 81012 6
L 121 cm x H 8 cm	Pallet	1 pc. (1,0 kg)	75	90 04179 81014 0



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

For straight alignment.  
Characteristics: Aluminium, 1.25 mm

Size	Packaging	Unit	Uniten/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	Uniten/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	Uniten/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	Uniten/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

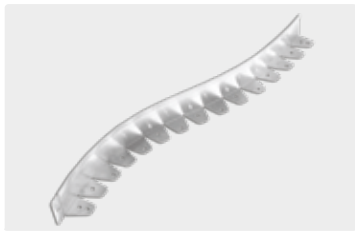
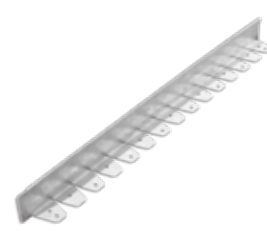
Size	Packaging	Unit	Uniten/Pallet	EAN code
L 196 cm x H 5 cm	Pallet	1 pc. (1,4 kg)	1	90 04179 81142 0
L 196 cm x H 10 cm	Pallet	1 pc. (2,3 kg)	1	90 04179 81145 1
L 196 cm x H 12 cm	Pallet	1 pc. (2,4 kg)	1	90 04179 81146 8



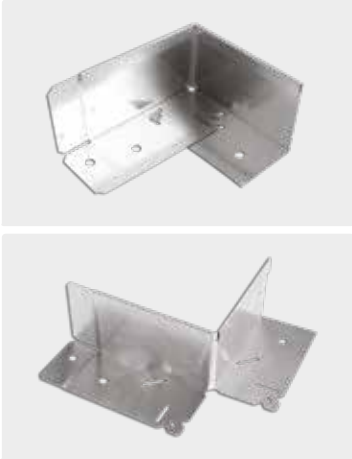
## L-lawn edges curved 'Alu-Heavy', Grey

For curved alignment.  
Characteristics: Aluminium 2 mm

Size	Packaging	Unit	Uniten/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	Uniten/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	Uniten/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	Uniten/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	Uniten/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



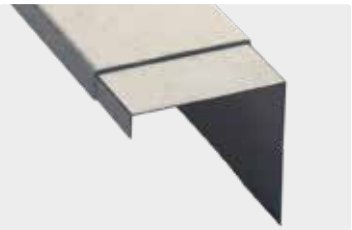
Stable mowing edges for a beautiful garden that's easy to maintain. Ideal for laying and protecting mowing robot cables.

- 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	Uniten/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

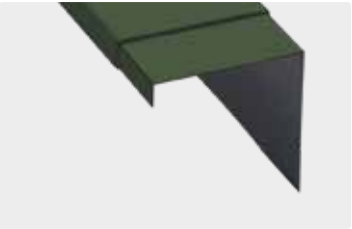
Size	Packaging	Unit	Uniten/Pallet	EAN code
L 96 cm x W 8 cm x H 8 cm	Pallet	1 pc. (0,8 kg)	10	90 04179 81319 6



### Mowing edge, Moss green

Characteristics: Steel sheet 0.55 mm, powder-coated

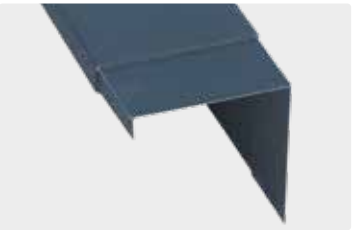
Size	Packaging	Unit	Uniten/Pallet	EAN code
L 96 cm x W 8 cm x H 8 cm	Pallet	1 pc. (0,8 kg)	10	90 04179 81323 3



### Mowing edge, Anthracite

Characteristics: Steel sheet 0.55 mm, powder-coated

Size	Packaging	Unit	Uniten/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	Uniten/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	Uniten/pallet	EAN code
L 25 x W 1 m	Roll	1 pc. (3,1 kg)	50	57 09198 00435 1
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	Uniten/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.

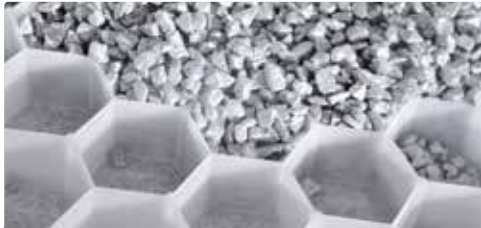
**Colour:** White

**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	Uniten/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

## Empty sandbag for flood protection

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.

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 (load capacity max. 1000 kg, safety factor 5:1)

75 x 85 x 110 cm	Big bag	1 pc.	10	90 04179 99552 6
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# PACKAGING

## PE sack

Depending on the product, we use white or transparent PE bags with at least 50% recyclate. 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

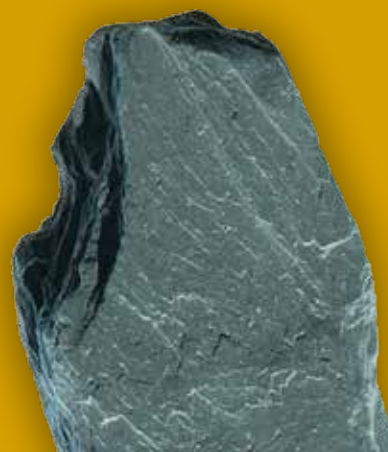
Unpackaged materials are delivered directly to the construction area or to the warehouse with a tipper lorry and tipped. The selection of the right lorries is dependent on the volume of material required and the conditions on site. Dry sand can also be delivered in silo lorries. In some regions, we also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

### The benefits

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







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