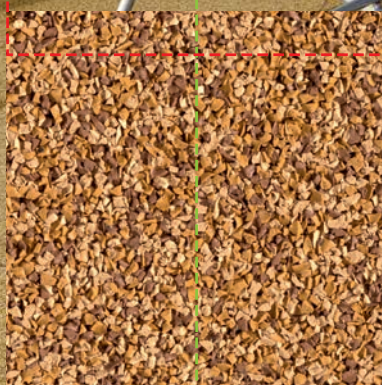


keraflex®

Terrace and Balcony Surfacing

Quick and easy installation, low structural height.



keraflex®

Terrace and Balcony Surfacing

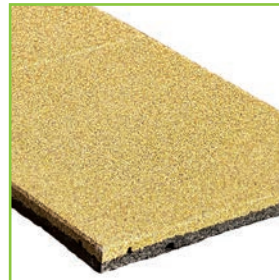


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The System Variants

With **keraflex®**, BSW has developed a modular paving system that makes it much easier to refurbish balconies. **keraflex®** offers two different system variants: **keraflex® MC** and **keraflex® EL**. All systems can be quickly laid on the old, damaged surface once the balcony has been suitably prepared/sealed. This avoids cost-intensive procedures and minimises the time involved in refurbishment. Furthermore, there is a wide range of colours available for designing your terrace or balcony.

keraflex® EL



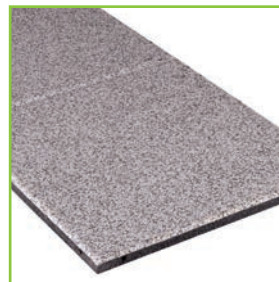
keraflex® EL Balcony and Terrace Tile is made of synthetic rubber with an EPDM rubber top layer.

Turn to page 4 for further information about this system.

The Benefits

- completely frost-resistant
- noticeably elastic
- decorative
- long life expectancy
- high impact sound insulation
- anti-slip
- quick to install
- easy to lay
- low structural height
- water permeable
- low maintenance
- easy to clean

keraflex® MC



keraflex® MC Balcony and Terrace Tile is made of synthetic rubber. The top layer consists of our well-tried **everroll®**.

Turn to page 6 for further information about this system.



**Made in
Germany**

- best quality
- fair payments
- secure jobs
- high environmental standards

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The System Structure

keraflex® EL and **keraflex® MC** Balcony and Terrace Tiles are made of natural and synthetic rubber (EPDM). They are uniquely pleasant to walk on. The tiles are as soft as a forest floor, each step sinking in slightly. Just go barefoot on **keraflex® EL** and relax. The material is pleasantly footwarm. The tiles are permeable to water thus the surface dries quickly after a downpour. In addition, the wear layer possesses outstanding slip-resistant properties.

Individual Tile Size

1,000 x 500 x 30 mm per tile, dummy joint in the centre of the tile

Dimensional Tolerances

length/width $\pm 1\%$, thickness ± 2 mm

Top Side

PUR-bonded rubber fibres

Underside

PU-bonded rubber fibres, fitted with drainage grooves

Edges

with dowel holes (supplied with dowels for connecting the tiles to each other)

Weight

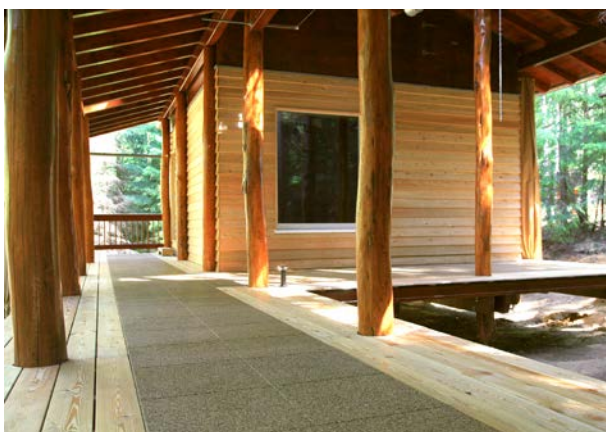
approx. 24 kg/m²



Single-tile **keraflex® EL** are offered with dummy joint in the centre of the tile.



Close up of **keraflex® EL**: underside with drainage channels.

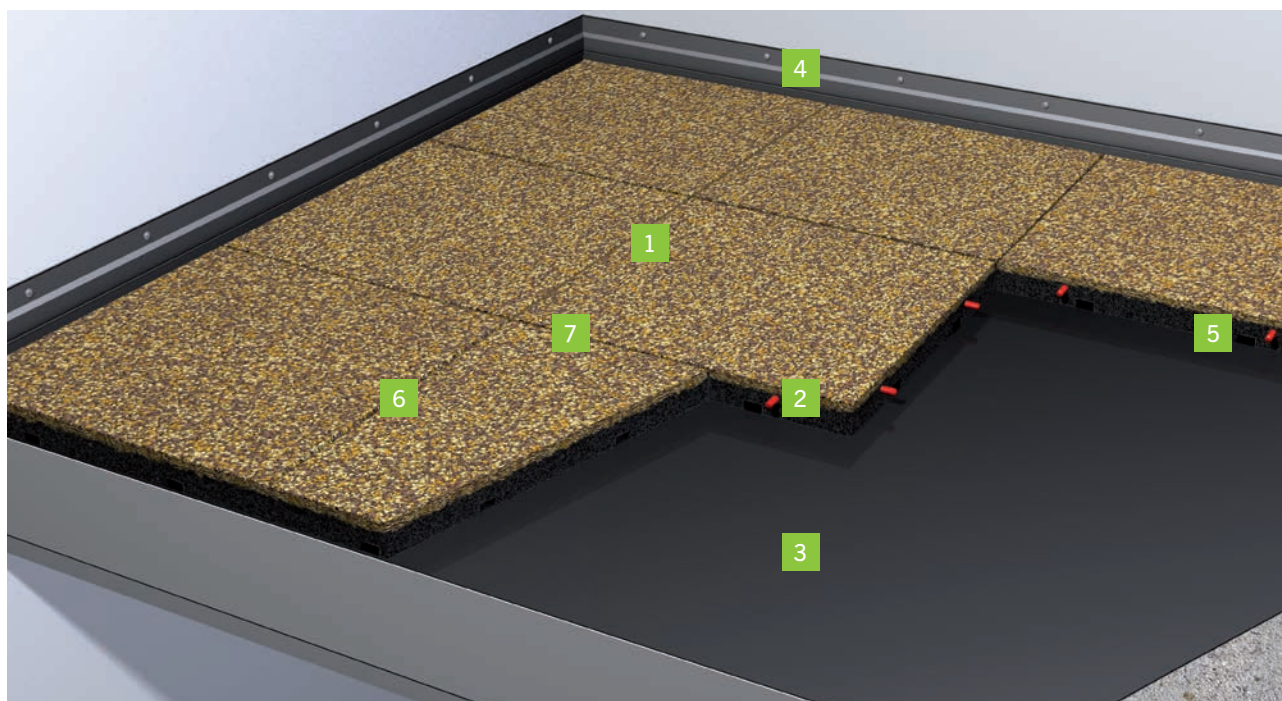


* Note regarding freshly laid tiles:

When **keraflex® EL** tiles have just been laid, there may be slight temporary wax colouring which will disappear as they weather. The wax is used in the manufacturing process and once it has disappeared, the true colours will come through in their full intensity. The lightfastness of coloured **keraflex®** tiles is due to special manufacturing process and is only available from BSW.

We only use selected and certified materials during the manufacturing process. Nevertheless, the colours/particle size distribution may vary slightly due to the nature of the manual manufacturing process. Therefore, we recommend the simultaneous take-up of various pallets. Please feel free to contact our friendly customer consultants, if you require exceptionally high UV resistance.

The System Composition



The Colours



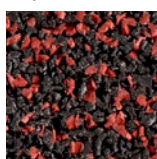
Decor 1
Beige/Brown/Earth
Yellow



Decor 2
Beige/Brown/Slate
Grey



Decor 3
Red/Brown/
Slate Grey



Decor 4
Red/Slate Grey

- 1 keraflex® EL/MC Balcony and Terrace Tile
- 2 Dowel
- 3 Balcony membrane
- 4 Perforated edging
- 5 Drainage grooves (not for keraflex® MC)
- 6 Dummy joint
- 7 Butt joint

The BSW Design Center creates individual design variations to customers' specifications.

Find out more at www.berleburger.com

**BSW
Design
Center**

We offer you the possibility of designing your own **keraflex®** EL surface. First, choose your own colour or colour mixture out of 26 colour granules. Subsequently, send us your desired colour combination. We will gladly produce a graphic simulation of your choice. This service is available by agreement with a minimum order quantity.

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The System Structure

keraflex® MC Balcony and Terrace Tile unifies high-quality appearance with durability. The tiles are easy to lay. **keraflex® MC** are made of synthetic rubber. The top layer consists of our well-tried **everroll®** flooring which has proven its quality for decades.

Individual Tile Size

1,000 x 500 x 27 mm per tile,
dummy joint in the centre of the tile

Dimensional Tolerances

length/width $\pm 1\%$, thickness ± 2 mm

Top Layer

bonded granules of synthetic and natural rubber

Underside

natural rubber fibres, bonded; edges with dowel holes
(supplied with dowels for connecting the tiles to each other)

Weight

approx. 25 kg/m²



keraflex® MC equipped with dummy joint and dowels.



keraflex® MC in detail.

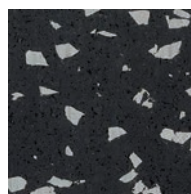


The System Composition

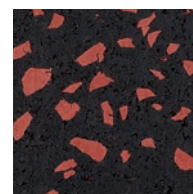
The system structure of **keraflex® MC** is identical to **keraflex® EL**. See page 5 for the composition.



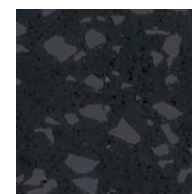
The colours



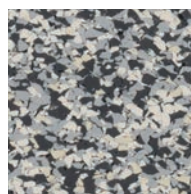
everroll® classic
Berlin



everroll® classic
Goa



everroll® classic
Mons I



everroll® stone
Berlin



everroll® stone
Mons



The BSW Design Center creates individual design variations to customers' specifications.

Find out more at www.berleburger.com

**BSW
Design
Center**

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Installation Instructions

Connecting the Tiles to Each Other

keraflex® EL and MC Balcony and Terrace Tiles can be joined to one another by means of dowels, and glued if required. In the majority of cases dowels will be sufficient, reducing the time needed for installation. The tiles must be glued one by one to the bound sub-base. This prevents deliberate levering out and displacement of the tiles.

Laying the Tiles

You should begin laying the tiles in the corner bordered by the house wall. First lay a row of tiles from this corner to the opposite end, connecting them with dowels and gluing if necessary. Now lay the second row of tiles offset, this means starting with a half tile (precut half tiles are available on request). Proceed as stated.

When connecting with dowels then first connect together the tiles of the second row, and then connect them to the first row. Proceed as stated.



Dowels to connect the tiles.



Dowels can be used to fix the tiles to each other.

Laying Edge to Edge

As you lay the tiles make sure that they are perfectly aligned. There should be as little space as possible between the tiles, so it is recommended that you apply strong horizontal pressure as you position each tile. This will prevent subsequent gaps from developing, as the material may shrink over time.

Anti-Stumble Edging

When surrounding a tiled area with **Regupol® Anti-Stumble Edges**, they must be glued to the tiles. This gives added strength. The installation of anti-stumble edging is identical to that of tiles.

Continued on the next page.



Anti-stumble edges for barrier-free building

Installation Instructions

Cutting the Tiles

Cut the tiles using a good pendulum jigsaw (coarse wood saw blade or wave blade) or carpet knife along a steel edge. This also applies to fittings to banister feet, drainage points, other floor surfaces, etc.



Cut the tiles with a commercially available carpet knife along a steel edge.

Gluing to a Bound Sub-Base

The adhesive required for gluing the tiles to a bound sub-base is available at BSW. It is a two-component PU adhesive. The tiles should be glued to the bound sub-base at the nine glue spots on the underside of the tile. You must ensure that the base is dry and clean, the outside temperature should be at least 5 °C. Adhesive consumption: approx. 1 kg/m², subject to the base course.

Useful Tips

When laying on an unbound sub-base, the tiles can be glued together using a single-component PU mastic besides connecting with dowels. The process can be carried out between outside temperatures of +5 and +35 °C. One cartridge is sufficient for approx. 4 m². The bead diameter of the mastic adhesive should be 5–7 mm.

When the tiles have just been laid, there may be slight temporary wax colouring, which will disappear as they weather. The wax is used in the manufacturing process and once it has disappeared the true colours will come through in their full intensity.



Area fitted with **keraflex® EL** Balcony and Terrace Tiles in special colour Blue Grey.

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Cleaning Recommendations

Removal of Normal Soiling

Slightly soiled surfaces can be cleaned initially with a broom. Use a vacuum cleaner to clean the pores of the flooring. Remove any stubborn dirt by wiping the surface with a damp, lint-free cloth. Add an appropriate quantity of commercially available pH-neutral cleaning agent for flagstones and ceramic floor tiles to warm water. Wipe off with clear water.

Removal of Strong Soiling

Proceed as described above for severely soiled surfaces, without wiping off with clear water. Let the water with cleaning agent soak in for about 10 to 20 minutes. Then clean the whole surface using a scrubbing brush to loosen the dirt in the pores. Now wash the floor with clear water to remove the loosened dirt. Wet-vacuuming is ideal for this step.

Severely soiled surfaces can also be treated with a high-pressure cleaner. Here it is important to ensure that the maximum pressure does not exceed 40 bar, while holding the nozzle at least 20 cm away from the surface.

Removal of Special Soiling

Chewing Gum

special chewing gum remover or icing spray

Emulsion and Gloss Paint

commercially available paint remover

Rust

rust neutralising agent

Apply all of these special cleaners with great care.

Removal of Algae and Moss

Planters, etc., should not always be left in one place but moved around from time to time in order to avoid dirt rims, discolouring and the formation of algae and moss.

Use commercially available cleaners to remove algae and moss. Proceed as for normal cleaning. Treat severe algae and moss accumulation by increasing the mixing ratio as recommended by the manufacturer. Once the concentrated solution has soaked in, you can treat the surface with a scrubbing brush.

Unsuitable Cleaning Agents and Equipment

All cleaning agents that leave a residue are unsuitable; this includes wax, solvents (acetone, nail polish remover), nitrocellulose thinners, bleach, scouring powder. Unsuitable cleaning equipment includes sand, steel wool, sandpaper, wire brushes, etc. When using special cleaners, please also comply with the manufacturer's instructions.

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Notizen

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