

WIDOPAN-Stone carpet



Basis

Marble (grain size 2 – 4 mm)

Binding agent: one-component PU-resin

(Please find information regarding the binding agents on page 2)

Consumption

Horizontal layers: 16,8 kg/m² finished mixture for 8mm layer thickness (16,0 kg/m² marble and 0,8 kg/m² binding agent). This equals 5% content of binding agent. For the finished mixture, one plastic bottle of binding agent for horizontal layers (1,25 kg) is mixed with one bag of marble (25,0 kg)

Vertical layers: 13,2 kg/m² finished mixture for 6 mm layers. 12,0 kg/m² marble and 1,2 kg/m² binding agent. This equals 10% content of binding agent. For the finished mixture e.g. 0,5 kg of binding agent for vertical layers is mixed with 5 kg of marble. We generally recommend to mix only small amounts. The vertical surface is primed with approx. 0,1 – 0,2 kg/m² (approx. 1,5%) of the binding agent before applying the marble-mixture whilst the binding agent is still wet.

Packaging size

Marble gravel: 25 kg bag

Binding agent: view page 2

Curing (at + 20°C and 50% rel. humidity)

12 to 24 hours (depending on the surrounding temperature/humidity and the type of binding agent used).

Colours

Grey, dark grey, pink, black, yellow, beige, autumn red (special colours are available, price on request)

Cleaning in fresh condition

WIDOPAN-Cleaner

Storage of the Marble gravel

If packaging is kept closed and stored at constant temperature the marble gravel can be stored unlimited.

Storage of the binding agent

If container is kept closed and storage temperature held constantly between +15°C and +20°C the binding agent may be used for up to 6 months.

WIDOPAN-Stone carpet is a jointless and open pored floor covering suitable for outdoor use. The stone carpet consists of natural marble gravel and a binding agent. The open pored structure reduces sounds and the round marble gravel make walking on the stone carpet pleasant and secure.

Various binding agents can be used to produce the stone carpet. These vary for horizontal and vertical layers. The binding agents are based on PUR-Resin.

The stone carpet may be applied on all surfaces made from WIDOPAN liquid waterproofing but may also be used on other materials. Before starting the application, tests should be made to assure the compatibility with the surface. The surface should have a slope of at least 2% to ensure that the water drains off.

WIDOPAN-Stone carpet is certified for anti-slip (R10).

Processing

Before starting the application, we recommend to install angle brackets (8mm for horizontal layers, 6mm for vertical layers) which should be fixed with cartridge adhesive, hot glue or WIDOCRYL-Filler (screed). They serve as vertical boundaries but may also be used as part of the visual design.

The WIDOPAN-stone carpet consists of natural marble gravel and a binding agent which are mixed with an appropriate stirrer in a bucket until all the gravel is covered in binding agent. Then, the mixture must be poured into a second bucket and, again, needs to be stirred thoroughly. Only one bag at a time should be mixed to avoid an overdosing of the binding agent (a scale should be used for small amounts and the percentage of binding agent/kg should be added).

The finished mixture is then spread on the surface using a trowel and evened using a smoothing trowel until a smooth surface is achieved. During this, the trowel is regularly sprayed with WIDOPAN-STGM. The finished mixture needs to be applied quickly. Vertical surfaces need to be primed with the binding agent for vertical layers, the finished mixture is applied whilst the binding agent is still wet. No priming is needed for horizontal surfaces. The marble gravel must be applied to the wall putting high pressure onto the trowel, keep spraying the trowel with WIDOPAN-STGM. Horizontal areas must not be primed before applying the stone carpet mixture.

To avoid the gravel from sticking to the trowel, the trowel must be sprayed regularly with a smoothing agent e.g. WIDOPAN-STGM. Direct sunlight must be avoided during application and curing time of the stone carpet.

Further details, especially regarding hazard statements, security advice and measures in the event of fire can be found in the safety data sheet under sections 2, 4, 5, 6, 7 and 8.

WIDOPAN-Stone carpet



Tools:

At least two large buckets, large and small trowels, trowel to portion the material, WIDOPAN-STGM, WIDOPAN-Cleaner, agitator, small brushes, small buckets for transferring the mixed material.

WIDOPAN-Binding agent LF for stone carpet 5% binding agent/kg marble gravel Basis One-component solvent-free PU-resin Curing time (at + 20°C and 50 % rel. humidity) 12 – 24 hours; depending on air temperature and - humidity Packaging Size 1,28 kg plastic bottle Working temperatures (ambient and substrate temperature) + 15 °C - + 30 °C Temperature resistance -20 °C to + 80 °C Cleaning in fresh condition WIDOPAN-Cleaner	WIDOPAN-Binding agent for stone carpet (vertical) 10% binding agent/kg marble gravel + 1,5% for priming the area Basis One-component PU-resin Curing time (at + 20°C and 50 % rel. humidity) 12 – 24 hours; depending on air temperature and - humidity Packaging size 4,0 kg steel bucket Working temperature (ambient and substrate temperature) + 5 °C - + 30 °C Temperature resistance -20 °C to + 80 °C Cleaning in fresh condition WIDOPAN-Cleaner
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Please also refer to the technical information and product information of the components!