

VERANIT H 63

Grout, epoxy based, for ceramic tiles, three components

Product Datasheet

Product description

VERANIT H 63 is an epoxy based grout for ceramic tiles. VERANIT H 63 is delivered as a 3-component mortar, component A (resin), component B (hardener) and component C (filler).

Aeras of use

VERANIT H 63 is designed for filling joints between ceramic tiles on horizontal surfaces where high chemical and mechanical resistance is required. VERANIT H 63 is also suitable for floors in wet environments that are exposed to hard wear and demand frequent cleaning. Typical applications include production facilities in the food industry, particularly dairies, breweries, slaughterhouses, meatpacking plants, etc

Mixing

The components shall have a temperature of +15- +25 degrees Celsius. Always prepare a complete batch. For the mixing use a mixing machine or a low-rotary drilling machine with a spiral mixer. Component A must be well mixed with component B before component C is added.

Jointing

The temperatures of the premises shall be +15 - +25 degrees Celsius. At lower temperatures the mortar is more difficult to work with and takes longer to cure(not lower than +10 degrees C). At higher temperature the setting time is faster. Tiles and joints must be free from grease, mortar residues, loose particles and dust. Work the grout into the joints with a rubber trowel. Remove most of the excess material with the trowel. Ready mixed grout must be used within 30 minutes at a temperature between +15-25 degrees C. The grouted surface can be used after about 2 days but complete resistance to chemicals is achieved after about 7 days. For faster chemical resistance flush the floor with warm water – not exceeding +60 degrees Celsius – after 48 hours.

Quantity required

Tile size, mm	Joint width, mm	Consumption, kg/m
100*200*10	6-8	1,7
120*120*8	6-8	2,0
115*240*10	6-8	1,5
115*240*18	6-8	2,6
200*200*10	6-8	1,2

Cleaning of tools and mixing vessels

Clean the tools from time to time with water or a mixture of water and alcohol in equal proportions.

Safety precautions

Good ventilation at the workplace must be ensured. Protective plastic gloves should be used. Soiled working clothes should be changed. Repeated skin contact with epoxy products can result in hypersensitivity and eczema. Mortar on the skin should be washed off with soap. Strict hygienic precautions should be observed. This product is hazardous if ingested and should be kept out of reach of children. Instructions on the package should not be removed, obliterated or otherwise rendered illegible.

Technical Data

Density	1700 g/m ³
Adhesion to ceramics	Appr. 9 MPa
Bending strength	Appr. 30 MPa
Compressive strength	Appr. 60 MPa
E-modulus:	Appr. 4 GPa
Water absorption:	Appr. 0,02% by weight
Curing shrinkage:	Appr. 0,01%
Storage and transport:	Shall be stored under dry, not too warm, and frost-free premises in well sealed packages. Storage time 12 months

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