



F L E U R I T

F L O O R

Technical Datasheet

FILLER 22

Description

1-component, semi-transparent sealing compound with good filling properties based on acrylate dispersion for FLEURIT FLOOR stone carpets.

Product characteristics: Ready to use, easy application, very good filling capacity, fast drying, good curing and low odour

Use

To be used as a sealing compound for FLEURIT FLOOR Quartz floors. Improves the maintenance friendliness of stone carpet floors up to a grain size of 4.0 mm. For interior use only.

PROCESSING	APPLICATION
Planning	Create a planning in advance for the sealing of the floor due to the risk of strip formation. Always process layers of FLEURIT FLOOR Filler 22 wet-on-wet. At 20°C and 65% relative humidity Filler 22 can be processed for approximately 15 minutes wet-on-wet. At higher temperatures and lower humidity this time will be significantly shorter.
Application sealer	Apply a quantity of FLEURIT FLOOR Filler 22 on the floor and spread it using a wiper (without stick) or a soft but strong plastic washing-in board. Ensure that the material is applied well into the pores, and does not remain as a thick layer on the surface of the floor. If required apply a second coat of Filler 22. Be careful of stripe formation and always try to avoid thick spots as a result of overlapping and/or uneven material distribution. With a 1 coat finish, the pores are sealed to a large extent, without seriously affecting the optical structure of the floor. With a 2 coat finish, the upper surface of the floor is fully sealed. The optical structure of the floor will have a different look. (If a liquid-tight floor is desired/required FLEURIT FLOOR EP Filler is necessary to use as a sealer)
Finish	After applying FLEURIT FLOOR Filler 22 always in finish the surface in one direction with a clean wiper.
Ventilation	Ensure good ventilation, no draft, after applying FLEURIT FLOOR Filler 22, to dissipate the resulting moisture. Underfloor heating must be switched off at least 48 hours in advance and can be turned on again when FLEURIT FLOOR Filler 22 is completely cured transparent.
Curing	Full curing of FLEURIT FLOOR Filler 22 takes, at normal temperature and humidity, approximately 7 days. During the curing time the floor may not be covered, in order to prevent certain ingredients cannot exit. The floor needs to breathe.
Tools	Clean tools with lukewarm water. After drying of the filler, remains on tools will be difficult to remove. Mechanical aids such as steel wool are then necessary. Deposit contaminated tools at a chemical waste depot.

Pay attention!	Plasticizers, present in car and bicycle tires, in combination with this product cause black spots in an acrylic floor finish.
See also	Processing guidelines After-treatment

SUBSTRATE	PRE-TREATMENT
General	The substrate must be sound, completely cured, clean, dry and free of dust and grease. Remove or repair loose and unstable layers. In addition, the substrate must be stable and free of large cracks. Repair large cracks in advance with mesh.
For all substrates	Expansion joints should always be respected.

TECHNICAL DATA	VALUE		
Specific mass	Approx. 1,0 kg/L		
Binding agent	Polymer dispersion		
Solid components	Approximately 45%		
Colour	White. Transparent after drying.		
Degree of gloss	Satin		
Dust dry	Approx. 8 hours		
Walkable	Approx. 24 hours (completely cured after 4 weeks)		
After-treatment (Filler 22)	Approx. 24 hours		
After-treatment (coating)	After 7 days		
Mechanical resistant	After 7 days		
Chemical resistant	After 28 days		
Layer thickness	N.A.		
Consumption	Approximately 200 – 1.200 gram/m ² dependent on the grain size.		
	Grain size	1 layer	2 layers
	0.4 – 0.8 mm	± 200 Gr.	± 300 Gr.
	0.7 – 1.2 mm	± 200 Gr.	± 300 Gr.
	1.0 – 2.0 mm	± 400 Gr.	± 600 Gr.
	2.0 – 3.0 mm	± 700 Gr.	± 900 Gr.
	3.0 – 4.0 mm	± 1.000 Gr.	± 1.200 Gr.
Application time	N.A.		
Application temperature	Minimum 10° C – Maximum 25°C. At temperatures higher than 20°C faster drying times should be taken into account.		
Substrate temperature	Minimum 10°C		
Material temperature	In accordance with the ambient temperature at the location.		
Relative air humidity	Maximum 65%		
Flashpoint	N.A.		
Frost resistant	No		
PH value	7 - 8		
VOC	N.A.		
Packaging	5 kg and 10 kg bucket		
Dangers	See MSDS		

These technical data are determined at 20°C and 65% relative humidity. Drying and curing are highly dependent on temperature, air humidity and the degree of ventilation. Different drying times apply at higher or lower temperatures. At higher temperatures, the open time will be shorter and the risk of strip formation higher.

Safety

Due to the composition of the product there are no restrictions regarding storage, handling and processing. For detailed information the safety data sheet can be requested from your supplier.

Storage / Shelf life

FLEURIT FLOOR Filler 22 in unopened packaging has a shelf life of 8 months. Storage needs to take place in a dry, cool and frost-free environment.

When in doubt, for questions or queries, please contact our technical adviser.

Due to the natural origin of FLEURIT FLOOR Quartz granulates, it may be possible that these granulates contain components such as pyrite, which can lead to discoloration after coming into contact with waterbased finishing layers as a result of corrosion. DPG bv and FLEURIT FLOOR cannot give any guarantee on the non-occurrence of these discolorations.

The data in this publication are based on our current knowledge and experience. They do not indemnify the applicator from carrying out own checks and tests, due to the large number of possible influences during processing and application of our products. A guarantee of certain properties or the suitability of the product for a specific application cannot be derived from our data. All available descriptions, drawings, photographs, data, proportions, weights and so forth, are purely for general information; they may change without notice and do not constitute the agreed quality of the products (product specification). Any proprietary rights and existing laws and regulations must be observed by the recipient of our products on their own responsibility. At the time of this publication, all previous technical data sheets are invalid.

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