

EPG / MORTAR EP-FILLER

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PRODUCT DESCRIPTION

EPG / MORTAR EP-FILLER is a high-viscosity epoxy sealing gel, with a very low degree of yellowing. This solvent-free, pigment-free, 2-component epoxy-gel consists of A/F epoxy resin with accompanying hardener and is used as a finishing layer for epoxy mortar floors.

APPLICATION

EPG / MORTAR EP-FILLER is a crystallisation-free epoxy filler with very high mechanical and chemical properties. It is used as a sealing layer on an epoxy mortar floor. Most of the pores are filled in after the 1st layer, although it is recommended to apply a 2nd layer. Once one has applied the second layer, one achieves the so-called 'orange peel' structure.

PROPERTIES

	EPOXY
Density at 20°C	EP.G-UV: 1.1 kg/dm ³
Viscosity	Ca. 6000 mPa.s
Solid-particle content	100 vo. (= 100 weight %)
Ignition point	EPG/A: 108 °C - EPG/B: >110 °C
Mix ration	100 parts EP.G/A + 47.5 parts EP.G/B
Usage	1st layer: ± 0.3 kg/m ² - 2nd layer: ± 0.2 kg/m ²
Storage	min. 12 months in sealed, original packaging in a cool and dry place
Colour	EP.G UV/A: white - EP.G Uv/B: transparent
Pot-life at 20°C	± 20 min.
Packaging	Sets of 9 kg or upon request
Processing temperature	15 °C - 30 °C
Dilution	not recommended
Cleaning tool	Cleaner EP - acetone - toluene
Drying at 20 °C and 65% RV	Foot traffic: after 24 hours Mechanically cured: after 2 days Chemically cured: after 7 days

APPLICATION

- Minimal processin temperature must be 15 °C. Otherwise, there will be white surface after water loading.
- Mix part A to part B thoroughly together for three minutes with a slow speed drill untill homogeneous. Ensure there is no air entrainment by adjusting the drill speed.
- Pour the mixed EPG onto the aggregate floor and spread with a good quality rubber squeegee. Please note that certain inferior quality squeegees will leave black rubber marks in the gel although the EPG is solvent free.
- 10 minutes after the gel has been applied, the floor must be rolled to ensure an even spread of EPG gel
- After 2 hours repeat the process whilst walking on spiked shoes.
- Water resistant after 7 days.

SAFETY

Read always the material safety datasheet of the product.

