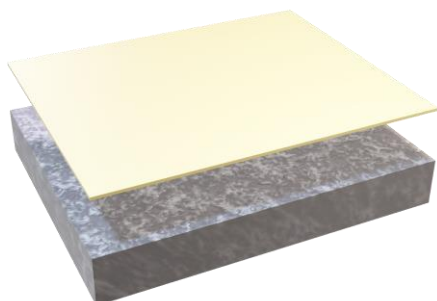


FLORPRIME 112

2 component, epoxy primer, solvent free, whitish.

SYSTEM BUILD UP



Primer : FLORPRIME 112

Substrate : Concrete, cementitious crete, magnesite creed, other moisture sensitive substrate.

FEATURES

- **High build** – fill tiny pores and span microscopic cracks.
- **Moisture tolerant** - suitable for substrates with moisture content of up to 6%.
- **Low/no odor** – does not taint food.
- **Compatible to newly cured concrete** – up to 7 days old concrete.
- **Excellent adhesion** – towards other coating systems.
- **Easy application** – can be applied by roller for fast installation.

APPLICATION AREAS

- **FLORPRIME 112** is a two-component, solvent-free primer designed to enhance the concrete surface, ensuring optimal adhesion for industrial flooring systems. Additionally, it is recommended for use as a moisture barrier for concrete substrates with residual moisture content of up to 6%

PHYSICAL PROPERTIES

Product type	2 component, solvent free epoxy primer	
Color	Whitish	
Solid contents, mixed	90 %	
Density, mixed	1.42 g/cm ³ @ 25 °C	
Viscosity, mixed	1450 - 2500 cps @ 25 °C	

PACKAGING

Components	Part A	Part B
TOTAL : 20 kg	15.2 kg	4.8 kg

PERFORMANCE DATA

Adhesive strength	> 1.5 N/mm ²	DIN ISO 4624
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APPLICATION GUIDE

Mixing ratio (by weight)	Part A : Part B 100 : 32
Working time	Approximately 20 – 25 minutes @ 25 °C
Application temperature	10 – 30 min °C (min 3 °C above dew point)
Material consumption	0.3 – 5 kg/m ²
Following coating	Withing 24 hours @ 25 °C
Curing time	@ 25 °C
	Foot traffic Light traffic Exposure to chemical
	After 12 – 15 hours After 3 days After 7 days

SUBSTRATE REQUIREMENT & PREPARATION

- Concrete substrate must be clean, free of laitance and contaminants and have tensile strength of 1.5 N/mm² minimum.
- To achieve the ideal mechanical interlock, prepare the substrate by either captive shot blasting or diamond grinding to enhance the appropriate surface profile.
- Address any imperfections, including cracks and holes, by using an epoxy patching compound like **FLORPRIME 110** where needed.
- Eliminate surface laitance, contaminants, coatings, curing compounds, and any weak or loose materials.

APPLICATION METHOD

- Prior to starting the application, ensure that the material temperature aligns with on-site conditions. The relative humidity should not exceed 85%.
- Pour the contents of component B (Hardener) into component A (Base Resin). Blend with an appropriate mixer at a speed of 500 rpm to prevent excessive air from getting into the mixture. Mix for 2 minutes.
- Apply the mixed product onto the surface using a squeegee and then back-roll it with a roller, at the consumption rate to 0.2 – 0.4 kg/m² based on the concrete surface's porosity.
- If the substrate has a residual moisture content of up to 4 CM%, apply a single coat.
- For substrates with a residual moisture content above 4 and up to 6 CM%, a two-coat application is required. The first layer should be applied with a spatula at a minimum consumption rate of 0.5 kg/m², followed by a second layer at a minimum consumption rate of 0.3 kg/m². Do not sprinkle quartz sand on the first layer.

APPLICATION METHOD

- The second layer can be rolled with a short pile roller 4 hours after the application of the first layer. Ensure the formation of a film-forming, closed surface.
- To enhance adhesion between the layers, lightly sprinkle FLOORTECH QS 0.3-0.8 quartz sand (approximately 800 g/m²) while the primer is still wet. If applying two coats, sprinkle FLOORTECH QS 0.3-0.8 quartz sand only on the second coat.
- Clean reusable tools and remove contamination using suitable solvents. Avoid using water for cleaning.

OVERCOATING

- The second coat can be applied after 4 hours but within 24 hours after application of FLORPRIME 112.
- However, if more than 24 hours elapse, light grinding is necessary before applying the overcoat.

STORAGE & SHELF LIFE

Shelf Life	12 months in closed original container.
Storage	Dry, well-ventilated space and avoid direct sunlight @ 10 – 30 °C.

DISCLAIMER

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