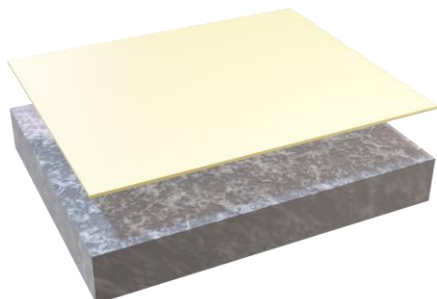


FLORPRIME 116

2 component, epoxy primer, solvent based, transparent.

SYSTEM BUILD UP



Primer : FLORPRIME 117

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

FEATURES

- **Fast curing** – less waiting time for subsequent work.
- **Good adhesion** towards concrete, most building material and other coatings, topping systems, and waterproof membranes.
- **Good penetration** – provide sufficient absorption towards surface concrete thus will consolidate and strengthen the surface of concrete.
- **Good chemical resistance** towards alkalis, dilute acids, fats, and aliphatic petroleum oils.
- **Easy application** – can be applied by roller.

APPLICATION AREAS

- **FLORPRIME 116** is two components epoxy primer, solvent based, transparent and fast cure material.
- It is mainly used as primer to improve the concrete surface for optimum adhesion of industrial flooring system. It can be applied on cement-based substrates with residual moisture content of up to 4 CM%.

PHYSICAL PROPERTIES

Product type	2 component, solvent based primer	
Color	Neutral transparent	
Solid contents, mixed	99 %	
Density, mixed	0.91 g/cm ³ @ 25 °C	
Viscosity, mixed	25 -100 cps @ 25 °C	

PACKAGING

Components	Part A	Part B
TOTAL: 19 kg	10 kg	9 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 : 90
Working time	Approximately 15 minutes @ 25 °C
Application temperature	10 – 30 min °C (min 3 °C above dew point)
Material consumption	0.15 kg/m ²
Following coating	Within 6 – 12 hours @ 25 °C
Curing time	@ 25 °C
	Foot traffic Light traffic Exposure to chemical
	After 6 – 12 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.
- Wet areas shall be dried with a blow torch. The moisture content in the substrate must not exceed 6 CM %. There should be no water pores.
- 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

- Make sure the material temperature is close to site condition before starting the application.
- First, pour component A (resin) into clean containers and mix it for 1-2 minutes. Next, pour component B (hardener) into the mixing container and mix for 2-3 minutes at speed of 500 rpm.
- Then, pour the material onto the substrate and spread it with squeegee and back roll with a roller.
- To improve inter-layer adhesion, slightly sprinkle silica sand mesh 30/60 on the wet primer. The silica sand consumption is approximately 800 g/m² over the entire area.
- Make sure the solvent from the primer is completely evaporated before applying another layer.

OVERCOATING

- Overcoating must be done within 12 hours after application of FLORPRIME 116. If longer than 12 hours, lightly grind the surface before overcoating.

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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