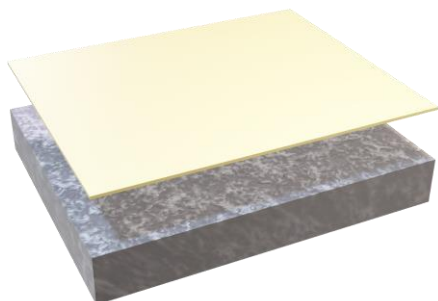


FLORPRIME 110

2 component, epoxy primer, solvent free.

SYSTEM BUILD UP



Primer : Florprime 110

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

FEATURES

- **Excellent adhesion** – concrete and most coating or topping systems.
- **Good chemical resistant** – resist diluted acids & alkalis, aliphatic solvents, and most cleaning agents.
- **Abrasion/Impact resistant** – hard wearing and durable
- **Solvent free** – nonflammable, low odour, does not taint food.

APPLICATION AREAS

- **Florprime 110** is a solvent free, two components epoxy primer which can be used both as primer and as epoxy mortar by adding Flortech QS 20 sand.
- It can be used in food & beverage, dairy production, abattoirs, warehouse/distribution centres, assembly plants and factories.

PHYSICAL PROPERTIES

Product type	2 component, solvent free epoxy primer	
Color	Transparent	
Solid contents, mixed	99 %	
Density, mixed	1.10 g/cm ³ @ 25 °C	
Viscosity, mixed	600 – 1100 cps @ 25 °C	

PERFORMANCE DATA

Adhesive strength	> 1.5 N/mm ²	DIN ISO 4624
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PACKAGING

Components	Part A	Part B	QS Sand
Primer : 7.5 kg	5 kg	2.5 kg	-
Primer : 30 kg	20 kg	10 kg	-

APPLICATION GUIDE

Mixing ratio (by weight)	Part A 2	: Part B : 1
Working time	Approximately 25 – 30 minutes @ 25 °C	
Application temperature	10 – 30 min °C (min 3 °C above dew point)	
Material consumption	As primer	: 0.3 – 0.5 kg/m ²
Following coating	Withing 24 hours @ 25 °C	
Curing time	@ 25 °C	
	Foot traffic	After 18 – 24 hours
	Heavy traffic	After 3 days
	Chemical	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.
- Use a blow torch to dry wet areas. To achieve the ideal mechanical interlock, prepare the substrate by either captive shot blasting or diamond grinding to enhance the appropriate surface profile.
- Eliminate surface laitance, contaminants, coatings, curing compounds, and any weak or loose materials.

APPLICATION METHOD : AS PRIMER

- 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 (Resin). Use a suitable mixer at a speed of 500 rpm to prevent excessive air from being introduced into the mixture. Mix for a duration of 2 minutes.
- Pour the mixture onto the surface, then use a squeegee to spread it, and follow up by rolling with a roller.
- Ensure that the primer is applied smoothly, free of any pores, and forms a continuous film. Depending on the substrate, a second coat application may be required.
- To enhance the adhesion between layers, lightly sprinkle Flortech QS 0.2-0.5 mm quartz sand (approximately 600 g/m²) while the primer is still wet. If a second coat of primer is required, perform this step during the application of the second coat.

OVERCOATING

- The second coat can be applied within 24 hours without the need for grinding.
- 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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