

TECHNICAL DATA SHEET FOR

FLOOR-PRO 105 WATER DISPERSION PRIMER

FLOOR-PRO 105 WATER DISPERSION PRIMER is a one-component rapid drying low VOC water-based acrylic primer with excellent penetration and adhesive strength on mineral substrate

FEATURES

- Fast drying
- Seamless
- Excellent adhesion on various substrates
- Reinforce the substrate
- Low viscosity penetrating primer

APPLICATION AREAS

- Use over porous mineral substrates such as concrete, screed, render, brickwork, plaster boards, light-weight blocks
- Use as primer to optimise the adhesion of subsequent applied materials such as waterproofing, tile adhesive, levelling compound etc

PHYSICAL PROPERTIES

Chemical Composition	Water-based acrylic dispersion
Colour	Pinkish red
Density	1.0 g/cm ³ @ 28°C
pH value	8

APPLICATION GUIDE

Number of coats	1 – 2 coats dependent on concrete porosity
Theoretical Coverage	0.15 Kg/m ² /coat
Recoating time	Approximately 1 hr @ 28°C
Substrate Temperature relative to dew point	≥ 3°C
Recommended application temperature range	Minimum 8°C Maximum 35°C
Relative Humidity	< 80%

SUBSTRATE REQUIREMENT

- Concrete or screed substrate compressive strength should be of minimum 25 N/mm² and adhesive pull off strength of 1.5 N/mm².
- The moisture content of concrete shall be < 4% or dried up to 85% RH as per BS8204. It shall be free from rising damp and must be waterproofed against negative ground water pressure.

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SURFACE PREPARATION

- Concrete substrate must be clean, free of laitance and contaminants.
- In the event the moisture content is > 4%, FLOOR-PRO 203 SL EPOXY MOISTURE BARRIER may be applied as temporary moisture barrier system.
- Allow to cure over-night before the application of subsequent coating system. Prepare the concrete substrate surface by captive shot blasting, scarifying or mechanical grinding. Repair damaged area and patch up cracks and holes using a suitable repair material compatible with the coating system.

APPLICATION METHOD

- Thoroughly mix primer before use. It is advisable not to dilute
- Apply primers using a roller, brush or broom, ensuring entire area is completely primed. Very absorbent concrete may require a second coat of FLOOR-PRO 105 WATER DISPERSION PRIMER.
- Apply thin film only to avoid film formation

PACKAGING

5 Litres

STORAGE AND SHELF LIFE

The product has a shelf life of 9 months and must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care. (Unopened and in good condition temperature 10°C to 30°C)

SAFETY PRECAUTION

- This product is intended for use by professional applicators. Refer to the safety information display on the container and in the safety data sheet (SDS) before using the product.
- Use this product in well-ventilated area, avoid skin contact, spillage on the skin should immediately be removed with suitable cleanser, soap and water.
- Eye should be well flushed with water and seek for medical attention immediately upon contact with this product.
- During the application, naked flame, welding operation and smoking is not allowed. Adequate ventilation should be provided.
- If you have any doubt regarding the suitability of use, refer to Nippon Paint for further advice.

DISCLAIMER

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