

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

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
Recommended Thickness	50 – 100 µm DFT per coat
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 should be a minimum of 25 N/mm² and adhesive pull off strength of 1.5 N/mm², free from laitance, dust and other contamination.
- The substrate should be dried up to 80% RH as per BS8204 and free from rising damp and ground water pressure.

SURFACE PREPARATION

- Concrete substrate must be clean, free of laitance and contaminants.
- The concrete substrate must be dry and waterproofed against negative ground water pressure.

- Appropriate moisture barrier at 2 mm thickness is recommended if the substrate moisture > 4%.
- In the event of high substrate moisture > 6%, it is recommended to apply a 4 to 5 mm thickness high compressive strength anti-osmosis epoxy mortar as moisture tolerance system.
- Allow to cure over-night before the application of subsequent painting 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 patching compound. Cut 5mmX5mm grooves around the perimeter of the floor and at end points (eg: plinth, column, drains etc.)

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

The information in this data sheet is given to the best of Nippon Paint's knowledge and practical experience. Users may consult with Nippon Paint on the general suitability of the product for their needs and specific application practices though it remains each user's responsibility to determine the suitability of the product for the user's particular use. The condition of the substrate and application are not within Nippon Paint's control. Therefore no implied conditions, warranties or other terms will apply to the Product. Nippon Paint does not and cannot warrant the results which the user may obtain by using the product. In no event will Nippon Paint be liable to the user for any kind of loss (whether direct or indirect) even if Nippon Paint was previously advised of it. In line with Nippon Paint's policy for continuous development, Nippon Paint reserves the right to modify the product and the information in this data sheet without prior notice. It is the user's responsibility to check with Nippon Paint for the latest version of this data sheet. This data sheet has been translated into various languages. In the event of any inconsistency, the English version shall prevail.