

Nitoproof WB Primer

Water dispersible epoxy primer for new and old concrete.

Uses

Nitoproof WB primer is suitable for priming concrete surfaces prior to the application of liquid applied water proofing coatings & membranes like Nitoproof 600 Std, Nitoproof 600PF, Nitoproof WB and Brushbond Roofguard.

Advantages

- Environmentally friendly, very less VOC content.
- Low application viscosity allows for excellent penetration of concrete substrate.
- Good adhesion to old and new concrete.
- Allows fast track construction schedules to be met.
- Seals the pores in concrete

Description

Nitoproof WB Primer is a water based epoxy primer for old and new concrete. It can be used as a primer for Nitoproof WB, Nitoproof 600PF, Nitoproof 600 Standard & Nitocote PUW100.

Properties

Appearance	Low viscous Milky White
Solids	27 ± 1%(after dilution)
Mixed density	1.03 ± 0.01 g/cc
Pot life @27°C	3 hrs

Estimation

Coverage	8-10m ² /litre (after dilution with water)
	50-60m ² /2 ltr pack (after dilution with water)
	150- 180m ² /6ltr pack (after dilution with water)
Packing	2 Ltr, 6 Ltr

Instructions for use

Preparation

The concrete surface on which Nitoproof WB primer is to applied should be sound, dust free and free from contaminants. New concrete should be fully cured and free from curing compound.

Mixing

Nitoproof WB Primer is a two component product and must be mixed & applied in order to perform as specified. Transfer base and the hardener to a suitable fresh container and mix thoroughly with a slow speed mixer for 2 -3 minutes which makes the mix as a milky white paste .

Add double the quantity of clean water by volume (4ltr water to 2ltr pack size, 12 liter water to 6ltr pack size) to the mix gradually under mixing which makes the mix as low viscous milky white liquid.

Application

Apply using a roller or brush. Do not apply on running or standing water. The application to be completed within 3 hour of mixing at 27 degree C. The mixed material should be periodically hand stirred if is kept idle for more than 15 minutes.

The diluted primer should be applied at a coverage of 8-10 m²/litre, preferably using roller. The applied primer should be allowed to reach tack free condition before applying liquid applied coatings and membranes.

The tack free condition of Nitoproof WB primer happens after 4-5 hours of application @ 27 deg. Please note that the tack free condition is highly mandatory for Nitoproof 600 PF, Nitoproof 600 Standard and other non water based products.

The application of liquid applied products should be completed before 16 hours@ 27degC from the time of application of Nitoproof WB primer.

Additional Consideration

Do not use in temperatures below 5°C. Do not use where known hydrostatic pressure conditions exist or where relative humidity exceeds 95% and or Moisture Vapour transmission rates exceed 10 lbs per 1,000- sq ft per 24 hours m²/litre.

Storage

Shelf life

Nitoproof WB Primer has a shelf life of 6 months if stored in the original, unopened packs below 25°C.

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Precautions

Health & Safety instructions

Nitoproof WB Primer should not come in contact with the skin and eyes, or be swallowed. When using Fosroc Solvent 102 ensure adequate ventilation and avoid inhalation of vapour. Some people are sensitive to resins, hardeners and solvent.

Wear suitable protective clothing, gloves and eye protection as per SDS. The use of barrier creams provides additional skin protection. In case of contact with the skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent.

In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately – **do not** induce vomiting.

Disposal

Disposal of spillage or empty packaging should be in accordance with local waste disposal regulations. For further information refer to the Material Safety Data Sheet.

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