

Hydrapox FL-Primer

Solvent based, high performance fast dry epoxy primer

Innovative products for your success

Description

Hydrapox FL-Primer is a specially formulated high viscous product for use with the mortar or any high built system that requires extra bonding properties. Exhibit excellent adhesions between mortar and the substrate and enhance the application of this high built system.

Uses

Hydrapox FL-Primer is a solvent based, clear, two component epoxy based primer with good penetrating properties, low viscosity. It also suitable for priming all concrete surfaces prior to the application of any of the Cemfloor epoxy base topping product and variety range of protective coating.

Advantages

- Excellent adhesion to concrete
- Fast drying
- Compatible with most surface and before top coat
- Damp tolerant
- Suitable for using as damp proof membrane primer

Technical Support

Cemkrete offers a comprehensive technical supports service to specifiers, end users and contractors. It also offers on-site technical assistance.

Properties

The values give below are average figures achieved in laboratory tests at 20 °C. Actual values obtained on site may show minor variations from those quoted.

Physical properties

Compressive strength (BS 6319) :	>80 N/mm ²
Tensile strength (BS 6319) :	>12 N/mm ²
Pull-off test (BS 1881 pt207) :	>1.7 N/mm ²
Cure time foot traffic :	1-2 hours

Application instruction

Surface preparation

The long term durability of any resin floor system is determined by the adhesive bond is achieved between the flooring material and the substrate. It is most important therefore that substrates are correctly prepared prior to application.

New concrete floors

These should normally have been placed for at least 28 days and have a moisture content of less than 5%. Floors should be sound and free from contamination such as oil and grease, mortar and paint splashes or curing compound residues. Excessive laitance can be removed by light mechanical scrubbing, grinding or grit blasting. Light laitance can be removed by acid etching followed by thorough washing with clean water, vacuum cleaning and then allowing the surface to dry.

Old concrete floors

Where deep seated contamination has occurred, mechanical methods such as blasting, grinding or scrubbing should be used to provide a suitable clean surface.

Any necessary repairs should be carried out using Cemkrete E211 or Cemkrete E911 or Cemkrete FC (see separate data sheets for relevant information)

Mixing

Hydrapox FL-Primer should be mixed in the proportions supplied. Add the entire contents of the hardener can to the base can. When thoroughly mixed preferably using a slow speed drill and apply **Hydrapox FL-Primer** a thin film, using rollers or stiff brushes. Work the primer well into the surface of the concrete taking care to avoid ponding or over application.

The primer should be left to achieve a tack-free condition before applying the top coat. A second coat of primer may be required if the substrate is excessively porous.

Cleaning

Hydrapox FL-Primer should be removed from tools and equipment with solvent immediately after use. Hardened material can only be removed mechanically.

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Precautions

Health and safety

Hydrapox FL-Primer should not come into contact with the skin and eyes, or be swallowed. Ensure adequate ventilation and avoid inhalation of vapors. Some people are sensitive to resins, hardeners and solvents. Wear suitable protective clothing, gloves and eye protection. If working in confined conditions, suitable respiratory protective equipment must be used. The use of barrier creams provides additional skin protection. In case of contact with 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

Spillages of coating components should be absorbed on to earth, sand or other inert material and transferred to a suitable vessel. Disposal of such spillages or empty packaging should be in accordance with local waste disposal regulations.

For further information, refer to the Product Material Safety Data Sheet.

Estimating

Supply

Hydrapox FL-Primer	:	10 kg pack
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Coverage

Hydrapox FL-Primer	:	5-10 m ² /kg.
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The coverage figures given are theoretical - due to wastage factors and the variety and nature of potential substrates, practical coverage figures will be reduced. Typically an additional 10% should be allowed for surface irregularities and wastages although this will vary with site conditions.

Storage

Shelf life

All products have a shelf life of 12 months if kept in a dry store in the original, unopened packs.

Storage conditions

Store in dry condition between 5 °C and 30 °C, away from sources of heat and naked flames, in the original, unopened packs. If stored at high temperatures the shelf life may be reduced.

Additional Information

Cemcrete manufactures and supplies a wide range of those complementary products which include:

- Waterproofing membranes & waterstops
- Joint sealants & filler boards
- Cementitious & epoxy grouts
- Specialized flooring materials
- Fireproof coating and systems
- Concrete admixture
- Repairing material

For further information on any of the above, please consult your local Cemcrete office - as below.

Important Note: Cemcrete warrants its materials free of manufacturing defects and produced as per standard specifications and sold under the terms and conditions of usages, whilst Cemcrete endeavors to ensure that any advice, recommendation, or information, given through its products literatures are reflects of the R&D in-house lab test and practical sites experience and knowledge based feed backs, however, the products are being used under various conditions and applied beyond its control where or how either directly or indirectly at various locations and places at a different stages that of an intended purposes and uses. Therefore, Cemcrete cannot hold warranty or responsible for resultant consequences, such as damages to the property or assets but the product itself.