

Hydrapox Primer 1000

Solvent free, high performance epoxy primer

Innovative products for your success

Description

Hydrapox Primer 1000 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 Primer 1000 is a solvent free, clear, two component epoxy based primer with good penetrating properties, low viscosity. It is suitable for priming all concrete surfaces prior to the application of any of the Cemfloor epoxy base topping product and variety of range of Duraguard protective coating.

Advantages

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

Technical Support

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

Properties

The values given 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) :	>85 N/mm²
Tensile strength (BS 6319) :	>12.5 N/mm²
Pull-off test (BS 1881 pt207) :	>1.7 N/mm²
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 achieved between the flooring material and the substrate. Therefore it is most important that substrates are correctly prepared prior to application.

New concrete floors

Concrete floors 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 scrubbling, 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 scrubbling should be used to provide a suitable clean surface.

Mixing

Hydrapox Primer 1000 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 Primer 1000** 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 Primer 1000 should be removed from tools and equipment with solvent immediately after use. Hardened material can only be removed mechanically.

Precautions

Health and safety

Hydrapox Primer 1000 should not come into contact with the skin and eyes, or be swallowed. Ensure adequate ventilation and avoid inhalation of vapour. Some people are sensitive to resins, hardeners and solvents. Wear suitable protective clothing, gloves and eye protection. If working in confined areas, 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.

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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 Primer 1000	:	10 kg pack
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Coverage

Hydrapox Primer 1000	:	3-5 m ² /kg. For epoxy Mortar application
	or	5-8 m ² /kg. For epoxy Coating application

NOTE: The coverage figures given are theoretical and 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 wastage 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 condition.

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

Cemkrete manufactures and supplies a wide range of those complementary products which includes:

- 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 Cemkrete office - as below.

Important Note: Cemkrete warrants its materials free of manufacturing defects and produced as per standard specifications and sold under the terms and conditions of usages, whilst Cemkrete 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, Cemkrete cannot hold warranty or responsible for resultant consequences, such as damages to the property or assets but the product itself.