



Hydrapox 112

Non-sagging Patching and Grouting Epoxy

Description

Hydrapox 112 is a solvent-free, 2-component epoxy resin binder supplied complete with fillers added. For use as a repair and filling mortar. When mixed, it forms a trowel able mortar with good adhesion to cementitious surfaces.

Standard

ASTM C 881-78 Type I, Grade 2

Object

Hydrapox 112 is a high-strength material suitable for use as bedding or under filling mortar or to repairs on horizontal or near-horizontal surfaces such as:

- Industrial floors
- Bridges and bridge-decks
- Concrete runways and aprons
- For fixing and grouting anchor and holding down bolts, e.g. for rail fixing on concrete bridges, tunnels, wash, repair and inspection pits, turntables, non ballasted track and crane installations, pressure and wear resistant grouting of rail track sole plates and machine beds.
- Bonding of prefabricated building components of pressure and shear resistant filling between same.

Advantage

- Convenient and economic packing for immediate use
- Very high compressive
- flexural and adhesive strengths.

- Solvent-free
- Free from shrinkage
- High mechanical strength
- Very high abrasion and impact resistance thus suitable for objects exposed to heavy-duty object traffic and usage.
- Suitable for both dry and damp surfaces
- Adheres to concrete, natural and synthetic stone, asbestos cement, metal, wood and various plastic materials

Instruction for Use

- Ensure that all concrete surfaces are clean and free from dust, laitance, oil and grease, as also from standing water.
- Mix together by hand or with a suitable low-speed drilling machine equipped with a paddle.
- Thickness of layers: Up to 50 mm for repair spots; 15 mm for larger areas.

Characteristics

Compressive strength :	1150 ksc
Flexural strength :	360 ksc
Pot life :	30 min.
Tack free :	1 Hr.
Density :	1.3 kg./L.

Mixing Ratio

A : B = 2 :1 By Wt.

Storage

In unopened packs, Hydrapox 112 has a shelf life of at least 12 months when stored in warehouse conditions below 35 °C. It should, however not be stored at very low temperatures, to guarantee a good working consistency.

Cleaning

Mixing and application implements must be cleaned immediately after use with Xylene and at intervals during application. Cured material can only be removed mechanically or by burning off.

Packing

9 kg./Set

Precaution

Hydrapox 112 can cause an allergic reaction after prolonged contact with sensitive skin. Therefore avoid contact with skin and use protective ointment. Rubber gloves and protective clothing are recommended. After contact with skin wash immediately with plenty of water and soap. Do not use solvents. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. Ensure good air circulation in the room

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