



Hydrapox 114

Epoxy Putty Stick with Outstanding Adhesion Property

Description

Hydrapox 114 is a solvent-free, 2-component epoxy resin binder supplied complete with fillers added.

Object

Hydrapox 114 is a outstanding adhesion and high-strength material suitable for use as adhesive material or to repairs both vertical and horizontal surfaces such as:

- Use as an bonding agent between :
 - concrete - concrete
 - concrete - carbon fiber
 - concrete - carbon plate
 - concrete - asphalt
 - concrete - metal sheet
- 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

Advantage

- Excellent adhesion various substrate such as metal, glass and wood
- Excellent toughness flexibility
- Good chemical resistance
- Good durability
- Easy to apply and maintain
- Very high abrasion and impact resistance thus suitable for objects exposed to heavy-duty object traffic
- Long pot life – prevent the curing before install the prefer material.

Instruction for Use

- The surface should be dry.
- Clean the substrate by remove laitance, oil, grease and dust.
- Mix the resin with hardener at the ration 2:1 by wt. Stir it 2-3 min. with low speed mixer until homogeneous.
- Apply by trowel
- Install the prefer material before 45 min. after mix.

Characteristics

Compressive strength :	1,000 ksc
Tensile strength :	200 ksc
Flexural strength :	320 ksc
Bonding strength	
To Concrete :	> 35 ksc
To Steel :	250 ksc
Pot life :	30 min.
Setting Time :	3 hr.
Density :	1.2 kg./L.

Mixing Ratio

Part A : 2 kg.
Part B : 1 kg.

Packing

5 kg./Set

Storage

In unopened packs, Hydrapox 114 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

The working equipment, tools etc., can be mechanically cleaned by using brushes in combination with Xylene. The cleaning should be done immediately after the completion of the work and within the pot life of the material to avoid sediments on the equipments, tools etc.

Precaution

Hydrapox 114 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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