



## *Hydrapox MD*

### *Solvent Free Epoxy for Medium Coat of Epoxy Flooring*

#### **Description**

Hydrapox MD is a solvent free, two component epoxy resin binder and coating material possessing an extremely high resistance against the attack of acids and alkalines.

#### **Object**

- Combine with sand or quartz to build the thickness and save the total cost of epoxy flooring system
- Improve adhesion between topping coating and concrete or mortar

#### **Advantage**

- Low Viscosity, can add more sand or quartz
- Good Adhesion to substrate and top coat
- Quick and easy to apply
- Good Chemical Resistance

#### **Instruction for Use**

- The surfaces to be coated should be dry, clean, free from loose materials, other contaminations as well as free from oils and fats.
- The surface should be prime with epoxy primer which also available from ACT in the name of Hydrapox FL-Primer
- Mix Part A and Part B at the ratio 2:1 By Wt. and mix it with low speed mixer around 3 min. until homogenous.
- Mix the combination of Part A and Part B with the selected filler. The filler can be select by the required thickness shown in the following.

- **For the thickness > 1 mm.**
  - Apply the combination of Part A and Part B with roller on the primed substrate the coverage around 5m<sup>2</sup>/1 kg.
  - Mix the combination of Part A and B with quartz no.2 which also available from ACT at the ratio at the combination 1 part and the quartz sand 4-7 part. Mix it properly.
  - Apply to the substrate when the last layer still wet with the trowel.
- **For the thickness > 3 mm.**
  - Apply the combination of Part A and Part B with roller on the primed substrate the coverage around 5m<sup>2</sup>/1 kg.
  - Mix the combination of Part A and B with sand no.0 and sand no.1 which also available from ACT at the ratio the combination/sand no.0/sand no.1 = 1:5:5 by wt.
  - Apply to the substrate when the last layer still wet with the trowel.

#### **Characteristic**

Mixing ratio :	2 / 1 By Wt.
Density :	1.05
Bonding Strength :	More than concrete
Appearance :	Yellowish
Drying Time :	6 Hr.
Curing Time :	24 Hr.

#### **Packaging**

Hydrapox MD : 9 Kgs./Set  
: 30 Kgs./Set

### ***Storage***

In unopened packs, Hydrapox MD 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 MD 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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