

TECHGUARD 102

HIGH PERFORMANCE EPOXY COATING

DESCRIPTION

TECHGUARD 102 is a high performance epoxy coating. It is a two pack waterproofing and anticorrosive system based on epoxy-polyamide-curing system. This is specially chosen because of their ability to withstand high degrees of corrosion and also for mild chemical attacks.

FEATURES / BENEFITS

- Easily applicable by brush
- Seal localized cracks and surface porosity
- Bonds strongly to most of the building materials, metal surfaces
- Cures to a tough elastic film
- Excellent Resistant to ultra violet and chemical aggression & corrosion
- Available in various colors

TYPICAL APPLICATIONS

- HP Epoxy Coating can be used as a protective coating, anticorrosive system for metal structures like MS, reinforced bars, steel rods etc.
- Can be applied on both horizontal as well as vertical areas.

TYPICAL CHARACTERISTICS

CHARACTERISTICS	VALUE
Nature	Two Component Liquid
Color	Light / Dark Grey
Mixing Ratio	Part I : Part II 90 : 10 by wt.
Initial hardness at 30°C	24 hrs
Full curing at 30°C	6-7 Days
Application time at 30°C	3-4 hrs
Finish	Smooth & Glossy
Adhesion	Excellent
Flexibility	Excellent

CHEMICAL RESISTENCE

TECHGUARD 102 is resistant to water, moisture, salt, soap water, mild acids & strong alkali solutions.

COVERAGE

45 – 50 Sq. feet/Kg/coats

TECHGUARD 102 HIGH PERFORMANCE EPOXY COATING

DIRECTIONS FOR USE

SURFACE PREPARATION

It is essential that H P Epoxy Coating can be applied to clean dry substrate in order to achieve maximum adhesion between the coating substrate. All loose particles should be removed by wire brush, scraping with emery paper.

MIXING

H P Epoxy Coating is supplied in pre weighed packs, which are ready to use on site. Extra thinner can be added in to mix coating as per the application conditions.

CLEANING

Tools and equipment should be cleaned with Xylene, Toluene, Acetone or Ketone solvents.

PRECAUTIONS

- Some people are sensitive to resins, hardeners, solvents & its vapours so it is advisable to use hand gloves and goggles.
- At low temperatures, drying & curing periods will be prolonged.
- In case of eye contamination, wash well with plenty of clean cold water and seek for medical advice.

PACKING

4 Litres & 20 Litres

SHELF LIFE & STORAGE CONDITIONS

12 months shelf life from the date of manufacture, if stored bellow 35°C and 50 % RH.