

POLYDECK PRIME

WATER BASED EPOXY PRIMER

PRODUCT DESCRIPTION

POLYDECK PRIME is a solvent free clear two-pack low viscosity epoxy resin primer. It is used for cementitious substrates prior to application of epoxy or polyurethane

PRODUCT ADVANTAGES

- Being water based excellent wetting of cementitious surface.
- Gives very good adhesion to the top coat.
- Solvent free
- Can be applied on Concrete, Metal, Wood etc.

PHYSICAL CHARACTERISTICS

Application.....Brush,
Roller
Mixing ratio.....1 part Base to 4 parts Hardener by
weight
Pot Life.....30 Minutes at
23°C
Drying Time.....2 Hrs at 25 Deg
Cent.
Coverage.....Approximately 4-6 sq.mts /Kg /coat
depending on substrate porosity, texture, temperature of substrate
Recommended No. of Coats.....1

METHOD OF APPLICATION

The system should be installed by approved contractors. Following information should be used as a guideline.

1. SURFACE PREPARATION.

The long-term durability of the applied **POLYDECK PRIME** is dependent on the adhesive bond achieved between the flooring material and substrate. It is most important therefore, that substrate surfaces is correctly prepared prior to application.

- a) New concrete or cementitious substrates should have been placed atleast 28 days and have a moisture content of less than 5% before topping with **POLYDECK PRIME**.
- b) Before application, the surface to be coated, should be free from loose particles, rust, oils, grease, or earlier coatings and should be thoroughly dry.
- c) After surface is dry, all repair work like sealing of joints, crack filling of cavities and crevices should be carried out.
- d) If the surface is Tremix or smooth surface then Shot Blasting is carried out to make the surface rough in order to enhance the bonding of the primer.

: 2 :

2. MIXING

Pack components are pre-weighed for optimum performance. Never split packs. Empty contents of component B into a mixing container and pre-mix to assure the suspension of solids. Add component A and continue to mix to a uniform consistency for 1-2 minutes. Mix with slow speed drill and helical spinner head for 2 minutes.

3. APPLICATION

POLYDECK PRIME must be applied immediately after mixing the two components. **POLYDECK PRIME** is applied with a paint brush or roller to produce a thin film.

PACKAGING

POLYDECK PRIME is available in 5 Kg composite packs for easy handling. Each pack consists of
4 Kg of Curing Agent (Component A)
1 Kg of Base (Component B)

STORAGE & SHELF LIFE

Store all components of **POLYDECK PRIME** unopened in shade. Avoid excessive heat. The shelf life is 1 year in original, unopened container.

HANDLING AND SAFETY

Keep the containers tightly sealed when not in use. Avoid skin contact and inhalation of fumes (if any). While spraying it is advised to wear a mask. If it comes in contact with the body, wash affected parts of plenty of water. In case of persistent irritation, contact a physician.