

DANOFLOOR PRIMER EPW

Water Based Epoxy Primer

DESCRIPTION

DANOFLOOR PRIMER EPW is specially formulated two component aqueous epoxy-based primer suitable for application on various substrates for promoting adhesion of Epoxy, Polyurethane and polyurea coatings and floor topping systems, waterproofing coatings and repair mortars.

ADVANTAGES

- Low exothermic in nature
- Extended workability and pot life
- Bonds strongly with the concrete, masonry, epoxy and polyurethane screeds, top coats and other substrates
- Non-blushing in humid and low temperature environments
- Less viscous—deep penetration in to substrate pores
- V.O.C free

USES

DANOFLOOR PRIMER EPW is used

- To promote the adhesion of TIKIDAN epoxy, polyurethane and polyurea range of floor toppings, waterproofing coatings and repair mortars with various substrates including cementitious, metals, epoxies and polyurethane.
- To seal substrate pores and bind loose particles on substrates enhancing the adhesion of subsequent coatings/toppings.
- As primer / sealer coat over the TIKIDAN epoxy and cementitious underlays, before application of polymeric overlays.
- In areas where use of solvent-based primers is not permitted.
- As adhesive for bonding thin cementitious renders to old surfaces.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

All surfaces should be sound, clean, and dry, free from cracks, honeycombs, oil, grease, laitance and loose particles.

Newly laid cementitious systems should be at least 28 days old. Residual moisture content in surface should be $\leq 8\%$ before applying **DANOFLOOR PRIMER EPW**.

APPLICATION

Gradually mix **DANOFLOOR PRIMER EPW Resin** and **DANOFLOOR PRIMER EPW Hardener** component with potable water using a slow speed paddle mixer for 3 to 5 minutes until it becomes homogeneous. Apply mixed component immediately by stiff brush / roller / trowel in thin continuous film. Allow the primer to dry.

Porous substrate may require two coats of primer. The second coat of primer is applied perpendicular to first dry coat.

CLEANING

Immediately after application of **DANOFLOOR PRIMER EPW**, use water for cleaning application tools.

APPLICATION DATA

Mix Ratio PWB (Resin: Hardener: Water)	100: 200: 200
Pot life at 25°C	≈ 45 Minutes
Coverage per Coat*	3 to 5 m ² /Kg., @ 50 to 70 micron d.f.t
Curing Schedule	
Touch Dry	2 to 3 Hours
Recoating Time	8 to 12 Hours
Hard Dry	12 to 16 Hours

*Coverage is approximate and it depends upon the site conditions and surface porosity at the time of application.

PROPERTIES OF COMPONENTS

Property	Resin	Hardener
Colour/Appearance	Milky White Liquid	Brownish Clear Liquid
% Solids at 105°C	>55	>15
Viscosity at 25°C	20 to 60 (B4 Cup)	10 to 15 (B4 Cup)

SUPPLY

DANOFLOOR PRIMER EPW is supplied in 15Kg. pack. It has a shelf life of 12 months when stored under the covered shed in sealed condition.

Packing: 15 Kg.

Resin	Hardener
5 Kg.	10 Kg. (5 Kg. x 2 No's)

STORAGE

DANOFLOOR PRIMER EPW must be stored above 5°C. Store under the shed & protect from extremes of temperature, heat, direct sunlight, and children.

SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage of **DANOFLOOR PRIMER EPW**.

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