DANOFLOOR PRIMER EPW
Epoxy Based 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 floor and wall coatings and floor topping systems.

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 surbstrate pores
- V.O.C free

USES
DANOFLOOR PRIMER EPW is used
- To promote the adhesion of TIKIDAN epoxy and polyurethane range of floor toppings, coatings and repair mortars with various substrates including cementitious, metals, epoxies & 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 polyurethane cementitious underlays, before application of polymeric overlays.
- In areas where use of solvent based primers are 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 <4% before applying DANOFLOOR PRIMER EPW.

APPLICATION
Gradually mix DANOFLOOR PRIMER EPW Resin and DANOFLOOR PRIMER EPW Hardener component 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

<table>
<thead>
<tr>
<th>Mix Ratio PWB (Resin : Hardener)</th>
<th>100 : 200</th>
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<tbody>
<tr>
<td>Pot life at 25°C</td>
<td>≈ 45 Minutes</td>
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<tr>
<td>Coverage per Coat*</td>
<td>3 to 5 m²/Kg., @ 50 to 70 micron d.f.t</td>
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<tr>
<td>Curing Schedule</td>
<td></td>
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<tr>
<td>Touch Dry</td>
<td>2 to 3 Hours</td>
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<tr>
<td>Recoating Time</td>
<td>8 to 12 Hours</td>
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<tr>
<td>Hard Dry</td>
<td>12 to 16 Hours</td>
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*Coverage is approximate and it depends upon the site conditions and surface porosity at the time of application.
PROPERTIES OF COMPONENTS

<table>
<thead>
<tr>
<th>Property</th>
<th>Resin</th>
<th>Hardener</th>
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<tbody>
<tr>
<td>Colour/Appearance</td>
<td>Milky White Liquid</td>
<td>Brownish Clear Liquid</td>
</tr>
<tr>
<td>% Solids at 105°C</td>
<td>&gt;55</td>
<td>&gt;15</td>
</tr>
<tr>
<td>Viscosity at 25°C</td>
<td>20 to 60 (B4 Cup)</td>
<td>10 to 15 (B4 Cup)</td>
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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.

<table>
<thead>
<tr>
<th>Resin</th>
<th>Hardener</th>
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<tr>
<td>5 Kg.</td>
<td>10 Kg.</td>
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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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Note: Properties subject to change as per specific requirement. Field service where provided does not constitute supervisory responsibility. Suggestions made by TIKIDAN either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not TIKIDAN, are responsible for carrying out procedures appropriate to a specific application. TIKIDAN reserves the right to amend the composition of its material and consequently their prices, without prior notice. For this reason, all orders will be accepted only in accordance with the conditions and technical specifications in force at the date of order.

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