



# Protecto-Ezecoat WB

Water based PU Waterproof Coating for roofs & terraces

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## PRODUCT DATASHEET

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### ► Description:

Protecto-Ezecoat WB is a single component, water based, high solids, Polyurethane based coating system that provides tough, elastic, UV resistant, skid resistant, durable, heat insulating, abrasion resistant, waterproofing protection for terraces, roofs, bathrooms, toilets, concrete screeds, etc. It forms a thick, seamless and long lasting film and eliminates water seepage from all kinds of surfaces. If required, a reinforcing cloth/fibre mesh can be sandwiched between layers.

### ► Salient Features:

- ▶ Water based, eco-friendly, green technology
- ▶ Highly elastic & resilient
- ▶ Excellent adhesion
- ▶ High UV resistance
- ▶ High abrasion resistance
- ▶ Good antifungal properties
- ▶ Breathable
- ▶ Heat insulating
- ▶ Bridges upto 2mm cracks
- ▶ High film thickness above 1mm
- ▶ Tough & durable
- ▶ Non toxic

### ► Application:

**Surface Preparation:** The surface is cleaned dried and freed from dust, oil, grease, tar and fungus. Damaged or hollow portions of the substrate should be suitably repaired before application. A base coat of dilute Protecto-Ezecoat WB primer (*2 parts Protecto-Ezecoat WB primer + 1part water*) is applied on all cracks after opening and cleaning them up. Allow the primer to dry. For cracks below 2mm width, pour Protecto-Ezecoat WB into the crack and allow it to dry. Ezeofil polyurethane joint/crack filling compound is used to fill up joints and cracks above 2mm.

**Primer/Base Coat:** Dilute Protecto-Ezecoat WB primer (2 parts Protecto-Ezecoat WB primer + 1part water). It is then applied by brush / roller over the entire surface area and allowed to dry for 2-3 hours.

**Top Coats: (1)** The first coat of Protecto-Ezecoat WB (without any dilution) is applied by brush /roller / trowel over the primer coat at a coverage rate of 2 sq. m per litre. Allow the material to dry completely (5-8 hours).

(2) Apply the second coat in the same manner but perpendicular to the first coat. (3) After drying, apply the third coat perpendicular to the second coat at the same coverage rate.

For moving cracks, sandwich non woven Polyester fabric (40 gsm) between the first and second coats. Place the fabric when the first coat is still wet and apply the second coat after the first coat dries. Allow the system to dry thoroughly for at least three days. Use the surface for foot traffic only. Protecto-Ezecoat WB is available in **four colours** – white, grey, terracotta and green. We recommend that different colours be used for alternate coats to give an easy way to check the number of coats applied and the thickness achieved per coat. Note: Dry sand is sprinkled on the final coat (while it is still wet) if any tiles or a concrete layer is required on top of the coating.

Type of Coat	Product to be Used	Colour	Recommended Coverage (sq. m/litre)	Recoat Time	Packing Size
Primer/Base Coat	Protecto-Ezecoat WB Primer	Clear	9-12	2-3 hrs	1, 4 & 20 litres
1 <sup>st</sup> , 2 <sup>nd</sup> & 3 <sup>rd</sup> Top Coats	Protecto-Ezecoat WB	White, Grey, Green, Terracotta	2	5-8 hrs	1, 4 & 20 litres

▶ PHYSICAL PROPERTIES		▶ CHEMICAL PROPERTIES	
Tensile strength IS 2508	30 kg /sq. cm	Hydrochloric acid, 20%	No effect
Elongation IS 2508	300% (Min)	Sulphuric acid, 20%	No effect
Water vapour transmission	20 g/m <sup>2</sup> /day	Phosphoric acid, 20%	No effect
UV resistance	Excellent	Sea Water	No effect
Resistance to fungus/algae	Excellent	Ethyl alcohol	No effect
Weathering (1000 hours)	No chalking or cracking	Kerosene	No effect

### ▶ Storage & Precautions:

Store the Protecto-Ezecoat WB pails in a cool and dry place. The shelf life of Protecto-Ezecoat WB is 12 months from the date of manufacture in an unopened condition. Application should be carried out between 8°C and 40°C. In case of:

Skin Contact: Wash skin with soap and water. Remove contaminated clothes.

Eye contact: Immediately splash eyes with plenty of water. Consult Physician if irritation persists.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor.

Protecto-Ezecoat WB formulations are subject to strict quality control, innovations and improvements to comply with our high standards. The above information is given on the basis of our best knowledge and information and is for your guidance only. Specifications, however, are subject to change and no guarantee is given or implied. All Rights Reserved.



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12-H, Opp. Traffic Kotwali

Daryaganj Delhi 110002

INDIA

Tel 91-11-23282718, 23251975

91-9650847575

91-9810172216

Fax 91-11-23251975

Email: sales@aapkaHomeCare.com

www.aapkaHomeCare.com

www.ProtectoCoatings.com