



Protecto-Ezecoat

Total PU Waterproofing System

PRODUCT DATASHEET

► Description:

Protecto-Ezecoat is a two component, high solids, Polyurethane coating system, which provides tough, elastic, skid resistant, durable, heat insulating, abrasion resistant, waterproofing protection. It forms a thick, seamless and long lasting film and eliminates water seepage from all kinds of surfaces.

► Application:

The surface is cleaned dried and freed from dust, oil grease, tar and fungus. A base coat of Protecto-Ezecoat100/Wallgard 10 is applied on all cracks and allowed to dry for 15 minutes and Protecto-Ezefil crack filling compound is used to fill up the cracks and joints.

Protecto-Ezecoat 100/Wallgard 10 is then applied over the entire surface area and allowed to dry for 4-5 hours. Equal weights of Protecto-Ezecoat 200 and 300 are mixed thoroughly and the mixture is applied by brush over the base coat. The same coat is repeated after 8-12 hours.

After 8-12 hours a topcoat is applied. This topcoat should be mixture of Protecto-Ezecoat 500 & 600 (aliphatic grade) if the coating is to expose to sunlight. If a concrete layer or tiles are to be fixed over the coatings (i.e. no exposure to sunlight) then the topcoat can be a mixture of Protecto-Ezecoat 200 and 300. 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.



Coat	Product	Mixing Ratio	Colour	Pot-life	Coverage* Sq. ft/kg	Recoat Time	Recommended Thickness
Base Coat	Protecto-Ezecoat 100/ Wallgard 10	Single Pack	Clear	-	50 - 60	5-6 hrs	30-35 microns
2 nd & 3 rd Coat	Protecto-Ezecoat 200 / 300	1:1 by weight	Off White/ Reddish brown	30 - 45 minutes	55 - 65	6-8 hrs	200 microns
Top Coat	Protecto-Ezecoat 500 / 600	4:1 by weight	White/ Reddish brown	3 - 4 hours	70 - 80	3 - 4 hrs	40 - 45 microns

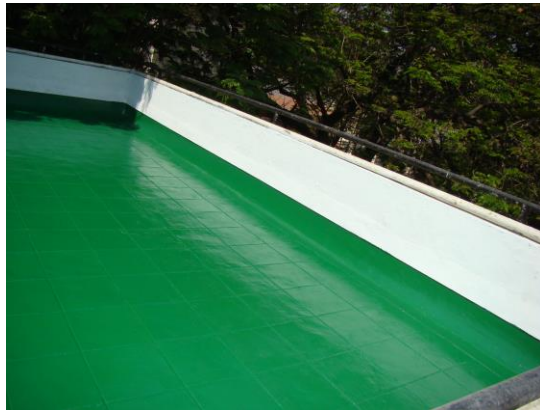
* Coverage varies from surface to surface. Rough surfaces yield lower coverage.

▶ **PHYSICAL PROPERTIES**

Tensile strength IS 2508	40 kg sq. cm.
Elongation IS 2508	Minimum 300%
Abrasion resistance	0.15 gms/1000 cycles
Flexibility	Highly flexible Does not crack at all working temperatures

▶ **CHEMICAL PROPERTIES**

Hydrochloric acid, 30%	No effect
Sulphuric acid, 20%	No effect
Phosphoric acid, 30%	No effect
Nitric acid, 5%	No effect
Sea Water	No effect
Ethyl alcohol	No effect
Kerosene	No effect



Protecto-Ezecoat 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.
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PRODUCT DEVELOPED & MANUFACTURED BY:
Industrial Products Mfg. Co.

Last Updated: Sept.2012

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