



POLYURETHANE PRIMER (TWO-PACK)

GENERIC TYPE :	Two Component
COMPOSITION :	Aromatic Polyurethane-based clear.
RECOMMENDED USE :	As penetrating primer for concrete and wood surface.

PHYSICAL CONSTANTS :

Color	Assorted Shades
Finish	Glossy/Semi Glossy/Matt
Solids by volume	40% +- 2%
Theoretical Spreading Rate	13.3 - 16 sq.mtr./ltr. at recommended D.F.T. on smooth and non absorbent surface.
Flash Point	Above 25 deg. C.
Drying Characteristics	DRY TO TOUCH : 1-2 hrs. DRY TO HANDLE : 24 hrs. FULLY CURED : 7days
Shelf Life	6 months (of individual component) - Stored under proper condition of temp. & pressure.

APPLICATION DETAIL :

Mixing Ratio (BY VOL.)	Base: Hardener- 9 : 1
Pot life	4-6 hrs. at 25 deg. C.
Application method	By Brush or By Spray
Thinner	Chemilac PU Thinner
Recommended dry film Thickness	25 microns
Indicated Film Thickness	WET : 62.5 - 75 microns DRY : 25 - 30 microns
Overcoating interval	MIN. : 8 hrs. MAX. : 24 hrs.

Compatibility	Can be top coated with Epoxy, PU, and C.R. topcoats.
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SURFACE PREPARATION :

Concrete	
New Concrete	Ensure that the concrete is cured for minimum three months. The surface is to be made rough and free from bacteria and other contaminants by sand sweeping.
Old Concrete	Remove all salt deposit from the surface by water jet washing. Light sand blast the surface to remove all loosely bound coatings and roughening up of firmly adhering coatings to ensure anchorage with recommended system. Ensure all dust / other particles are fully removed by suction on air blast and the surface is fully cleaned and dried before application of paints.

FILM PROPERTY CHEMICAL RESISTANCE :

EXPOSURES-SPLASH & SPILLAGE-FUMES	ACIDS	Fair	Good
	ALKALITES	Good	Good
	SOLVENTS	Good	Good
	SALTS	Good	Good
	WATER	Fair	Good
TEMPERATURE RESISTANCE :	CONTINUOUS : 93 deg. C. INTERMITTENT : 120 deg.C.		
WEATHERABILITY :	Very Good. Should be top coated for maximum durability		
FLEXIBILITY :	Very Good		
ABRASION RESISTANCE :	Good		

Notes :

- 1 Do not apply when temperature falls below 10 deg. C. or rises above 50 deg. C. and when relative humidity rises above 90%. Do not apply during rain, fog and mist.
- 2 Brushes and spray equipment should be cleaned with Chemilac's Thinner otherwise equipment is liable to be damaged.
- 3 Etch Primed steel work should not be exposed before being over coated with priming / or finishing coat for added protection.

Pack Size :

20 Liters, 4 Liters

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