

TECHNICAL DATASHEET

POLYURETHANE PRIMER

PRODUCT DESCRIPTION

A two pack polyurethane primer formulated to provide fast drying, excellent adhesion and easy sanding property. It ensures superior adhesion between wooden or metallic surfaces and polyurethanes finishes.

PRODUCT BENEFITS

- 1- Good mechanical resistance
- 2- Good intercoat adhesion
- 3- Good chemical resistance
- 4- Excellent hardness
- 5- Excellent sealing properties

RECOMMENDED USES

Interior and Exterior primer for applications where high performance, excellent abrasion, chemical and mechanical resistance are required. Ideal for wood surfaces and can also be applied on metallic substrates.

SURFACE PREPARATION

Surfaces must be dry and clean, free from oil, grease and other contaminations.

Previous chalking, flaking or deteriorated coatings should be removed.

Holes and crevices must be properly filled.

Humidity of wood should not exceed 18- 20%

PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Technology	Polyurethane
Physical State	Viscous Liquid
Appearance	Comp. A Thick liquid
	Comp. B clear liquid
	Two Components- requires mixing
	1U.S.G. = 50% Hardener

Thinned up to 20- 25% with Thinner.

Color See catalogue

Component A

Specific Gravity, ISO 2811	1.3- 1.45 g/cm ³
Viscosity, ISO 2884	12- 15 poises

Component A+B

Drying Time, ASTM D 5895	30 min to touch.
Wet Film Thickness, ISO 2808	100- 150 µm per coat
Dry Film Thickness, ISO 2808	60- 90 µm per coat
Recoat Time	After 2-4 hours
Sag Resistance, ASTM D 3730	Excellent
Leveling, ASTM D 2801	Excellent
Scratching Resistance, ASTM D3002, D 3359	Excellent
Hardness	Excellent

Chemical Properties

Component A

% Solids by Weight	70- 75 %
% Solids by Volume	55- 60 %

THINNING/ APPLYING

Mix Component A with Component B
Allow the mixture to react for 10- 15 min
Thin with 20- 25% PU thinner

Apply one coat on the substrate.

Tools: brush, Roller, Spray

Clean tools and equipment with PU Thinner immediately after use.

CAUTION

Flammable liquid. Keep away from flame or high heat.

Avoid inhalation of spray mist and arrange for adequate spraying precautions especially in closed areas.

PACKING

In cylindrical tin containers of the following capacities:

- 1 US Quart = 0.95 L.
- 1 US gallon = 3.78 L.
- 1 Pail (5 U.S.G.) = 20 L

Each container is supplied with its appropriate hardener and Thinner

STORAGE

Avoid frost & excessive heat.

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.

All details about working with our products should be adapted to prevailing local conditions and materials used.