

TECHNICAL DATASHEET

POLYURETHANE SEALER

PRODUCT DESCRIPTION

A two pack air-drying polyurethane sealer providing excellent sealing properties and sandability.

PRODUCT BENEFITS

- 1- Good mechanical resistance
- 2- Good intercoat adhesion
- 3- Excellent sandability
- 4- Good chemical resistance
- 5- High cracking resistance
- 6- Excellent sealing properties
- 7- Good weathering resistance

RECOMMENDED USES

Interior and Exterior heavy duty sealer 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, greases 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 translucent liquid
	Comp. B clear liquid
	Two Components- requires mixing

Color Clear

Component A

Specific Gravity, ISO 2811

1 ± 0.05 g/cm³ (Gloss Finish),

Viscosity, ISO Cup 4

260-280 sec

Component A+B

Drying Time, ASTM D 5895

30 min to touch.

Wet Film Thickness, ISO 2808

100 - 150µm per coat

Dry Film Thickness, ISO 2808

50-75µm per coat

Recoat Time

After 2- 3 hours

Coverage

12- 15 m² / liter

Sag Resistance, ASTM D 3730

Excellent

Leveling, ASTM D 2801

Excellent

Scratching Resistance, ASTM D3002, D 3359 Excellent

Chemical Properties

Component A

% Solids by Weight

47- 49%

% Solids by Volume

42- 44 %

THINNING/ APPLYING

Mix Component A with Component B (50% hardener)

Allow the mixture to react for 10- 15 min

Thin with 20- 25% PU thinner

Apply one coat on the substrate.

Wait 6-8 hours before sanding.

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.) = 20L

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.