

Product Information

PRODUCT NAME: Urethane Primer Black

PRODUCT CODE: 283-324

DESCRIPTION: Polyurethane Primer is a fast-curing, high solid black primer for application on wood or wood products. It is a two-component polyurethane system providing excellent filling properties, good flexibility and excellent sanding properties.

FIELD OF APPLICATION: Polyurethane Primer is used for all types of closed grain finishes. It may be overcoated with various finishes such as Sadoplast or Plasticolor.

SPECIFICATIONS:

Gloss:	Matte
Specific Gravity:	1.24
Solids Content:	57% (by weight)
Fire Hazard Class:	3
Health Hazard Class:	2
Viscosity:	35 seconds Zahn#4 @ 25°C

HARDENER MIXING RATIO:

3 parts by volume	283-324 Urethane Primer Black
1 part by volume	999-081 P.U. Hardener

REDUCTION: Use 100-120 or 100-122 as required.

SHELF LIFE: Six months recommended if unopened and stored under cool, dry conditions. Always rotate stock.

POT LIFE: Two to three hours depending upon conditions. Pot life is decreased when product is hot or under pressure. Viscosity should be monitored after mixing with hardener.

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DIRECTIONS FOR USE: Agitate before use, and while adding hardener and solvent as per mixing ratio. To ensure product consistency, the mixed material should be agitated at all times. When cured, Urethane Primer Black must be sanded to be recoated (coated within eight hours of sanding).

The relative humidity in the application and drying rooms should never exceed 75%. Viscosity on the catalyzed material should be monitored regularly to maintain a consistent appearance.

Please note that the catalyzed mixtures have short pot lives and therefore mix only a quantity that can be used within two to three hours. Clean equipment immediately after use.

Mixed product will contain 999-081, an isocyanate based co-reactant. Please follow all precautions associated with handling and use of these materials.

Total recommended film thickness of 283-324 Urethane Primer Black is not to exceed 6 mils dry.

The customer is responsible for following the recommended application procedures. Failure to adhere to the recommendations given in this technical data sheet will likely result in unsatisfactory film appearance or film failure.

The completed coating system should be checked for required properties prior to start-up of production.

DRYING TIME
@ MIN. 20°C:

Tack Free:	20-30 min.
Dry to Sand:	3-4 hours
Dry to Stack:	Overnight

Dry times may be shortened considerably by using increased heat or infrared equipment. For decreased dry time requirements, contact your local technical representative.

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CLEAN-UP:

Use 121-001 thinner. Do not mix with product. Where the thinner and product may blend, use 100-120.

Please refer to the Material Safety Data Sheet for additional information.

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products without warranty, and users assume all responsibility and liability for loss or damage arising from the use of our products either used alone or in combination with other products. Use of unapproved or reclaimed solvent blends may reduce film properties and is not recommended.

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