

# PURO Poly-urethane Primer

Two-part semi gloss poly-urethane primer/ undercoat. Provides smooth pinhole free surface prior to topcoating with high gloss PURO Poly-urethane Topcoat. Quick drying, medium filling and excellent

Type	Chemical drying
Base	Urethane resin
Colour	White and grey
Gloss	Semi gloss
Mixing ratio by volume	4 parts base component A + 1 part curing component B (= 4 : 1 by volume)
Potlife after mixing at 20°C/65% RAH	6-8 hours
Density	1,6 kg/dm <sup>3</sup>
Solids content mixed product	52 ± 2 vol. %
VOC	398 g/l

Drying times	- at 10°C / 65% RAH	Surface dry : 3 hours - through dry : 24 hours - Fully cured : 12 days
	- at 20°C / 65% RAH	Surface dry : 2.5 hours - through dry : 24 hours - Fully cured : 6 days
	- at 30°C / 65% RAH	Surface dry : 2 hours - through dry : 24 hours - Fully cured : 4 days

Recoatibility	With PURO Poly-urethane topcoats	Min. 6 hours - max. 72 hours at 20°C/ 65% RAH
		Min. 3.5 hours - max. 72 hours at 30°C/ 65% RAH

Best intercoat adhesion before the undercoat has fully cured.  
Drying times are indicative and are depending on temperature, ventilation and applied wetfilmthickness.

Application	Conv. Airspray	Airless Spray
Vol.% thinner	10-15	0- 5
Nozzle	1.4 mm	0.021 - 0.027 inch
Pressure in bar	4	160
Viscosity Din Cup 4 mm		
Remarks		Spray angle : 40° - 80° Check to ensure filters are clean

Thinner - spray application - brush/roller application	PURO PU Spray Thinner
	PURO PU Brush Thinner

Film thickness per coat	Recommended wet film thickness (wft) : 80 µm - 120 µm
	Recommended dry film thickness (dft) : 40 µm - 60 µm

Coverage -Theoretical - Practical	10 m <sup>2</sup> per litre @ 50 µm dft
	Dependant on application method, kind and condition of substrate, loss of material due to shape of object, circumstances during application, etc.

Packing	3 kg.
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Application conditions & advice	Temperature of product, object and work area during application and drying should be between 10°C and 35°C. Relative air humidity should not exceed 85%
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Health & safety	Please observe all precautionary notices on the label. Use under well ventilated conditions. Do not breathe vapour and/or spraymist. Avoid contact with eyes and skin. Wear suitable and protective clothing, gloves and mask. Spillage on the skin should immediately be removed with a suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately. For detailed information on the health and safety hazards and precautions for use of this product, refer the Material Safety Data Sheet.
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Handling	Handle with care. Stir well both components separately prior to mixing . Allow mixture 15 minutes induction time.
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Storage	Keep container in a dry, cool, well ventilated areas away from heat sources and /or ignition. Keep containers tightly closed.
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## DISCLAIMER

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.

## INFORMATION

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