



Product data sheet

REVONTHANE RV 612

Polyurethane Gloss

PRODUCT DESCRIPTION	Acrylic Aliphatic Polyurethane Gloss Finish.	
RECOMMENDED USE	Polyurethane finish coat where attractive appearance and a wide range of protection is required.	
CHARACTERISTICS	<ul style="list-style-type: none">• Excellent gloss and colour retention.• Outstanding weather resistance with excellent colour and gloss retention.• Resistance to broad range of corrosive atmospheres.• Excellent resistance to atmospheric exposure.• Hard, tough and abrasion resistance.• Good resistance to splash and spillage of acids, alkalises, salt solutions and aliphatic petroleum products.	
PHYSICAL DATA	Colour Gloss Level Volume Solid Dry Film Thickness Number of Coat Theoretical Coverage Temperature Resistance VOC Flash Point Shelf Life Pack Size	Available On Request Gloss Approx. 55% 40 – 60 microns per coat 1 or 2 11 sq.m/ℓ for 50 microns Continuous : 93°C (dry) Intermittent : 121°C (dry) 230 g/ℓ Base : 29°C Hardener : 38°C At least 12 months 20 litres unit Base: 16 litres, Hardener: 4 litres
SURFACE PREPARATION	Refer to specific instructions for primer and intermediate coats being used for application. All previous coats must be clean and dry. Old coating system must be roughened, cleaned and dry.	
APPLICATION DATA	Application Methods Airless Spray Nozzle Tip Nozzle Pressure Conventional Spray Nozzle Tip Nozzle Pressure Brush or Roller Mixing Ratio By Volume Thinner Surface Temperature Drying Time Touch Dry Trough Dry Over coating Minimum Maximum Full Cure	 0.46 – 0.58 mm (0.018 – 0.023 inch) 10 MPa (approx. 1400 psi) 1.8 – 2.0 mm (0.071 – 0.079 inch) 0.3 MPa (approx. 43 psi) Recommended Base : Hardener = 4 : 1 REVONER 116 Should be 10°C – 49°C, at least 3°C above the dew point to prevent condensation 1 hour at 25°C, 30 minutes at 32°C 7 hours at 25°C, 4 hours at 32°C 4 hours at 25°C, 2 hours at 32°C Unlimited 7 days

Pot Life18 hours at 25°C, 8 hours at 32°C

SAFETY PRECAUTION

Keep away from heat, spark and Open flames. Avoid breathing of vapour on skin and eye contact. Keep container closed and store in cool, ventilated area when not in use. Proper ventilation and protective measures must be provided during mixing, application and drying, to keep vapour concentration within safe limits and to protect against toxic hazard. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interior and building.

DISCLAIMER

The information in this product data sheet is given to the best of our knowledge based on laboratory testing and practical experience. If the product is used under condition beyond our control, we cannot guarantee anything but the quality of the products it self. The information in this product data sheet is liable for modification from time to time in the light of experience and our policy of continuous product development, and without further notice.