



MAKE 700 S

Aliphatic Polyurethane Satin Finish Coat

Base 700S : Curing Agent 7001

PRODUCT DESCRIPTION	A two components acrylic aliphatic polyurethane satin finish coat
RECOMMENDED USE	Polyurethane satin finish coat where attractive appearance and a wide range of protection is required.
CHARACTERISTIC	<ul style="list-style-type: none"> • Outstanding weather resistance with excellent colour retention. • Resistance to broad range of corrosive atmospheres. • Hard, tough and abrasion resistance. • Excellent resistance to atmospheric exposure. • Good resistance to splash and spillage of acids, alkalises, salt solutions and aliphatic petroleum products. • Can be recoated even after long atmospheric exposure.
PHYSICAL DATA	<ul style="list-style-type: none"> • Colour Available On Request • Gloss level Satin • Specific Gravity 1.20 ± 0.15 kg/litre • Volume Solid 60 ± 2% • Dry Film Thickness 50 – 75 microns per coat • Number of Coat 1 or 2 • Theoretical Coverage 12 sq.m/l for 50 microns • Temperature Resistance Continuous : 93°C (dry) Intermittent : 121°C (dry) • VOC 303 g/l • Flash Point Base : 29°C ; Curing Agent : 38°C • Shelf Life At least 12 months • Pack Size Base 7 : Curing Agent 1
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	<p>Application Methods</p> <ul style="list-style-type: none"> • Airless Spray <ul style="list-style-type: none"> Nozzle Tip 0.46 – 0.58 mm (0.018 – 0.023 inch) Nozzle Pressure 10 MPa (approx. 1400 psi) • Conventional Spray <ul style="list-style-type: none"> Nozzle Tip 1.8 – 2.0 mm (0.071 – 0.079 inch) Nozzle Pressure 0.3 MPa (approx. 43 psi) • Brush or Roller Recommended <p>Mixing Ratio Base : Curing Agent = 7 : 1</p> <p>Thinner Thinner MAKE 907</p> <p>Cleaner Thinner MAKE 10</p> <p>Surface Temperature Should be 10°C – 49°C, at least 3°C above the dew point to prevent condensation</p> <p>Drying Time</p> <ul style="list-style-type: none"> Touch Dry 1 hours at 25°C ; 30 minutes at 32°C Through Dry 7 hours at 25°C ; 4 hours at 32°C Dry to Recoat <ul style="list-style-type: none"> Minimum 4 hours at 25°C ; 2 hours at 32°C Maximum Unlimited Full Cure 7 Days Pot Life 18 hours at 25°C ; 8 hours at 32°C

STORAGE & HANDLING

The product must be stored in accordance with national regulation. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed. Handle with care, stir well before use.

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.