



MAKEPaints

MAKETHANE 700 Polyurethane Gloss

Base 700 : Curing Agent 7001

PRODUCT DESCRIPTION	Two Component Aliphatic Polyurethane Gloss Finish Coat															
RECOMMENDED USE	As a deluxe finishing coat on a wide variety of any substrate especially in marine and industrial atmosphere															
CHARACTERISTIC	<ul style="list-style-type: none"> • Excellent resistance to atmospheric exposure. • Non chalking and non yellowing • Resistance to splash and mild chemicals • Good resistance to water and solven • Easily over coated over extended periods • Resistance to impact, abrasion in marine and industrial corrosive atmosphere 															
PHYSICAL DATA	<ul style="list-style-type: none"> • Colour : Available On Request. • Gloss level : Gloss. • Specific Gravity : 1.20 ± 0.15 kg/litre • Volume Solid : 56 ± 2% • Dry Film Thickness : 50 – 75 microns per coats • Theoretical Coverage : 7.4 sq.m/litre for 75 microns. • Dry Time : <table border="1"> <thead> <tr> <th>Temperature</th> <th>Touch Dry</th> <th>Hard Dry</th> </tr> </thead> <tbody> <tr> <td>26°C</td> <td>3 hours</td> <td>8 hours</td> </tr> <tr> <td>32°C</td> <td>2 hours</td> <td>7 hours</td> </tr> <tr> <td>36°C</td> <td>1.5 hours</td> <td>6 hours</td> </tr> <tr> <td>40°C</td> <td>1 hours</td> <td>5 hours</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • Full Cure : 7 Day • Painting Interval : Min : 12 Hours, Max unlimited • VOC : Max. 366 g/ltr • Flash Point(DIN 53213) : 27°C for base and 38°C for hardener • Pot Life : 6 hours (after mixing the components) • Service Temperature : Continuous : 120°C ; Periodic : up to 150°C • Shelf Life : 12 months (cool and dry place) 	Temperature	Touch Dry	Hard Dry	26°C	3 hours	8 hours	32°C	2 hours	7 hours	36°C	1.5 hours	6 hours	40°C	1 hours	5 hours
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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															
CONDITION OF APPLICATION	<p>Temperature ; minimum 5°C : maximum 50°C.</p> <p>Relative Humidity maximum 85%.</p> <p>Substrate temperature should be at last 3°C above dew point.</p>															
SYSTEM SPECIFICATION	Preceding coat : MAKEGUARD MP or according to specification															
INSTRUCTION FOR USE	<ul style="list-style-type: none"> • Mixing ratio by volume ; Base; Hardener 7 : 1 • The temperature of mixed base and hardener should be above 15°C, otherwise extra solvent may be required to obtain application viscosity. • Stir well before use preferable by means of mechanical mixer. Thinner should be added after mixing the components • Too much solvent result in lower sag resistance and slower cure • Thinner should be added after mixing the components 															

APPLICATION DETAILS

Method Application	Airless Spray	Air Spray	Roller Brush
Thinner No	MAKE 907	MAKE 907	MAKE 907
Volume of Thinner	Max 10%	Max 15%	Max 5%
Nozzle orifice	0.018 (0.46m)	1.5-2 mm	-
Nozzle Pressure	150 bar (2100 psi)	3-4 bar / 57 psi	-
Cleaning Solven	MAKE 10	-	-

ADDITIONAL DATA

Over coating table for epoxy and polyurethane paint

Substrate Temp	20°C	32°C	40°C
Min interval	12 hours	8 hours	5 hours
Max interval	No. Limitation		

Pot life (at application viscosity)

Temperature	Pot life	The figures are valid for quantities of 5 liter and more
10°C	8 hours	
20°C	6 hours	
32°C	4 hours	
40°C	2 hours	

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.