



MAKEHEAT 600 High Temperature Silicon

PRODUCT DESCRIPTION	Silicone Aluminium Heat Resisting Finish (Up To 600°C)																										
RECOMMENDED USE	High temperature service such as stack and breeching.																										
CHARACTERISTIC	<ul style="list-style-type: none"> • 100% silicone aluminium coating. • A heat resistance coating up to 600°C when applied over steel. Up to 550°C. • Self priming coating. • Good weather resistance. 																										
PHYSICAL DATA	<ul style="list-style-type: none"> • Colour : Aluminium. • Gloss level : Semi Gloss. • Specific Gravity : 1.10 ± 0.1 kg/litre. • Volume Solid : 31 ± 1% • Dry Film Thickness : 25 - 35 microns per coats. • Theoretical Coverage : 12.4 sq.m/litre for 25 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>30 minutes</td> <td>3 hours</td> </tr> <tr> <td>32°C</td> <td>25 minutes</td> <td>2.5 hours</td> </tr> <tr> <td>36°C</td> <td>20 minutes</td> <td>2 hours</td> </tr> <tr> <td>40°C</td> <td>15 minutes</td> <td>1 hours</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • Full Cure : - • Painting Interval : Min : 12 Hours, Max unlimited. • VOC : Max. 550 g/litre. • Flash Point(DIN 53213) : 26°C. • Pot Life : - • Service Temperature : Continuous : 600°C ; Periodic : up to 620°C. • Shelf Life : 12 months (cool and dry place) 			Temperature	Touch Dry	Hard Dry	26°C	30 minutes	3 hours	32°C	25 minutes	2.5 hours	36°C	20 minutes	2 hours	40°C	15 minutes	1 hours									
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SURFACE PREPARATION	The surface to be over coated should be clean and dry, free from any contaminant																										
CONDITION OF APPLICATION	Temperature ; minimum 10°C : maximum 50°C Relative Humidity maximum 85% Substrate temperature should be at last 3°C above dew point																										
INSTRUCTION FOR USE	Stir well before us, preferable by Mechanical mixer to ensure good homogenely																										
SYSTEM SPECIFICATION	Preceding coat : MAKE 303, MAKEZINC SILICATE MC																										
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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.