

PLASCOTHERM 200T SILICONE ACRYLIC

PRODUCT CODE: PSA 200 Series

TECHNICAL DATA SHEET

Product Description	A single pack silicone acrylic heat resistant coating																										
Intended Uses	<ul style="list-style-type: none">A superior combination of silicone and acrylic resins which provides a finish with excellent long term durability and heat resistance.Designed for use with surface temperatures from ambient to 200 °C continuous service in conjunction with a suitable ZINC ETHYL SILICATE PRIMER (PLASCOZINC 1).Recommended for plants with problem areas where hot surfaces are exposed to corrosive environments.																										
Features & Benefits	<ul style="list-style-type: none">Gives excellent corrosion protection when applied over zinc ethyl silicate primers.Resists temperatures up to 200 °C																										
Product Information	Colour	White, Black, Grey & Ultramarine Blue																									
	Appearance	Gloss																									
	Volume solids	29 - 33%																									
	Recommended DFT	Min: 50 µm, Max 100 µm DFT.																									
	Recommended WFT	Min 161 µm, Max 323 µm WFT.																									
	Theoretical Spreading Rate	4.1 m²/L at stated volume solids and 75 µm DFT.																									
	VOC	565 g/L																									
	Flash Point	25 °C																									
Application Details	Mixing	The unthinned material should not be stirred as stirring will disrupt the thixotropic properties. It will restructure several hours after stirring.																									
	Method	<u>Airless spray</u> : Nozzle orifice: 0.015” – 0.018” Nozzle pressure 2000-3000 psi.																									
		<u>Brush</u> : For touch up only.																									
	Thinner	Thinning is not recommended																									
	Cleaner	UNIVERSAL THINNER (PUR 1)																									
	Pot Life	N/A																									
	Application Environment	<table><tr><td>Surface Temperature</td><td>Ambient Temperature</td><td>Relative Humidity</td></tr><tr><td>Min: 10 °C</td><td>Min: 10 °C</td><td>Min: 10%</td></tr><tr><td>Max: 40 °C</td><td>Max: 40 °C</td><td>Max: 85%</td></tr><tr><td colspan="3">Or 3 °C above dew point</td></tr></table>				Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	Max: 40 °C	Max: 40 °C	Max: 85%	Or 3 °C above dew point												
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Storage and Packaging	Store away from direct sun, heat, open flames, sparks or severe cold. Shelf life: 12 months at 23 °C Packaging: Single pack: 5 L																										
Surface Preparation	<ul style="list-style-type: none">All surfaces must be thoroughly degreased using PLASCON AQUASOLV DEGREASER (GR 1) followed by clean water rinses.This product should be applied onto inorganic zinc ethyl silicate primers within the recommended over coating times in order to achieve heat resistant requirements.Recommended Primer: PLASCOZINC 1 (PZI 233 / LYE 2)																										

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Caution	Temperatures in excess of 200 °C continuous will result in discolouration and breakdown.
Shipping Weights	UN Shipping number 1263 5 L - 6.536 Kg
Safety Precautions	<ul style="list-style-type: none">• Always keep paint out of reach of children.• Ensure good ventilation during application and drying.• If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner.• Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.• Harmful if swallowed. Seek medical attention and do not induce vomiting.• Do not smoke while painting.• Flammable. Store in a cool dry place away from heat and sparks.• Refer to Safety Data Sheet for complete information.

DISCLAIMER:

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

KANSAI PLASCON (PTY) LTD

10 Frederick Cooper Drive,
Factoria, Krugersdorp
South Africa
1739.
Tel: +27 11 951 4500
Fax: +27 800 110 932

PLASCON ADVISORY SERVICE: 0860 20 40 60

EMAIL: advice@kansaiplascon.co.za