

RockTemp200

Heat Resistant paint

C 442

Product description

This is a one component modified alkyd resin matrix coating. It resist heat up to 200°C and Continuously up to 150 it can be used as a primer or finish coat in atmospheric environment. It is easily applied on metal and non-metal substrate also can be applied on hot substrate up to 60°C

Designed For.

Protective: a heat resistant coating. Suitable for insulated and non insulated surfaces. Recommended as finish coat for insulated surfaces, in systems with suitable primers.

Technical characteristics

Shelf life: 36 months Density: $1.05 \pm 2 \%$ g/ml Theoretical spreading rate: 11 m²/l at 50µm
 Colour grey and aluminium Volume solid $54 \pm 2 \%$ Texture: flat

Pre-treatment

Repair of old antifouling systems

All surfaces should be clean, dry and free from contamination. Surfaces should be treated in accordance with ISO 8504:2000. Remove salts, fouling, any loose paint and other contaminants by high pressure fresh water cleaning. A water pressure of 500 bar (approx. 7000 psi) is recommended. Ensure compatibility of the old coated substrates with the selected paint system. Damaged areas must be treated and touched up with an appropriate primer system. Contact your local Rock Coating agent for more information

Heat Resistance

Dry atmosphere	temperature	
	Continuous	Peak
	150°C	200°C

	Mixing ratio	Stir well before use. one component syetem Volume of thinner 0-3%	
		Spray guns	Airless: 180-150 Bar nozzle size 0.48 -0.66 mm with thinner 5% brush : Volume of thinner: 0 - 10% roller: not recommended air gun: gun nozzle 1.5mm thinner volume 5 up to 10%

Please refer to the EU Material Safety Data Sheet for product labelling as required by Directive 1999/45/EC and the respective national rules.
 The products are suitable for professional use only.

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the products for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein are for general information purpose only; they may change without prior information and do not constitute the agreed contractual quality of the products (product specification). It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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THEORETICAL SPREADING RATE TSR

	DFT μm	WFT μm	TSR
RANGE	75- 150	150 - 290	7- 4 M2
RECOMMENDED	125	235	4.5

DRYING AND RECOATING TIMES

Substrate temperature	Touch dry	Dry to handle	Dry to recoat min	Dry to recoat max
10.°C	1 hour	2 Hours	2Hours	2.5 Hours
25 °C	20 min	1 Hours	1.5 Hours	2 Hours
30 °C	15 Min	45 min	1 Hours	1.5Hours

TYPICAL PAINT SYSTEM

A typical system for this product is shown below and should be taken for guidance only

RockTemp200 125 μm
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For further information about full system specification consult your **ROCK COATING** supplier

APPLICATION CONDITIONS

The temperature of the substrate should be at least 3°C above the dew point. Temperature and relative humidity should be measured in the vicinity of the substrate. The maximum recommended surface temperature is approx. 40°C. Higher steel temperatures are acceptable provided dry-spray is avoided by proper spray application and extra thinning if required. In extreme cases it may be necessary to reduce film thickness in order to avoid sagging. When applying the paint in confined spaces, provide adequate ventilation during application and drying. The temperature of the mixed paint should be at least 15°C, otherwise extra solvent may be required to obtain a proper application viscosity.

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Storage and shelf life.

The product must be stored in accordance with national regulations. The cans are to be kept in a dry, cool, well ventilated space and away from source of heat and ignition. Cans must be kept tightly closed.

Health and safety.

Observe the precautionary notices on the label of the container. A material safety data sheet is available upon request and national or local safety regulations should be followed. This product is intended for use by professional applicators. As a general rule, avoid skin- and eye contact by wearing overalls, gloves, goggles, mask, etc. Spraying should be carried out under well-ventilated conditions. This product contains flammable materials and should be kept away from sparks and open flames. Smoking in the area should not be permitted.

Disclaimer.

The information in this data sheet is provided to the best of our knowledge. However, we have no control over either quality or condition of the substrate and other factors affecting the use and application of this product. Therefore, we cannot accept any liability whatsoever or howsoever arising from the performance of the product or for any loss or damage arising from the use of this product. We reserve the right to change the product without notice.

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