

Rock Tankguard

Epoxy – based paint

C 500

Product description

Epoxy solvent free amine cured coating, used as a primer and finish coat with good adhesion properties for substrates (steel, aluminium, galvanised steel as per quality standard of protective coating industry and concrete substrates

Designed For:

Potable water tanks and pipes ..

Technical characteristics

Shelf life: 36 months	Density: 1.35 ± 0.2 g/ml	Theoretical spreading rate: 6.7m ² /l
Colour: white – grey	Volume solid 100 ± 2 %	Texture: gloss

Pre-treatment

Surface preparation

substrate	minimum	recommendation
Carbon steel	Sa 2½ (ISO 8501-1)	Sa 2½ (ISO 8501-1)
Stainless steel	The surface shall be hand or machine abraded with non-metallic abrasives or bonded fibre machine or hand abrasive pads to impart a scratch pattern to the surface	Abrasive blast cleaning to achieve a surface profile using non-metallic abrasive media which is suitable to achieve a sharp and angular surface profile
aluminium	The surface shall be hand or machine abraded with non-metallic abrasives or bonded fibre machine or hand abrasive pads to impart a scratch pattern to the surface.	Abrasive blast cleaning to achieve a surface profile using non-metallic abrasive media which is suitable to achieve a sharp and angular surface profile
composite	The surface shall be hand or machine abraded to impart a scratch pattern to the surface.	The surface shall be hand or machine abraded to impart a scratch pattern to the surface.
concrete	Dry abrasive blast cleaning to SSPCSP 13/NACE No. 6.	Dry abrasive blast cleaning to SSPCSP 13/NACE No. 6.

Optimum performance, including adhesion, corrosion protection, heat resistance and chemical resistance is achieved with recommended surface preparation.

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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Application.

	Mixing ratio	Stir well before use. compound A 100 (vol.) Compound B 50 (vol.)																
	Sprayguns	Ideal application conditions for two-component EPOXY products: 20°C and a relative air humidity below 80%. Application not possible in temperatures below 10°C Airless gun: 180 - 250 Bar nozzle size 0.48 - 0.78mm thinner 5% Air spray: 4 -6 Bar nozzle size 1.5 - 2 mm thinner 10% Brush: multicoated are required to achieve the thickness Thinner 5% Roller: multicoated are required to achieve the thickness Thinner 5%																
	No of coats	<table><thead><tr><th></th><th>DFT</th><th>WFT</th><th>TSR</th></tr></thead><tbody><tr><td>Range</td><td>150-400</td><td>150-400</td><td>6.66-2.5m2</td></tr><tr><td>recommended</td><td>300</td><td>300</td><td>3.33</td></tr></tbody></table>		DFT	WFT	TSR	Range	150-400	150-400	6.66-2.5m2	recommended	300	300	3.33				
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TYPICAL PAINT SYSTEM

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

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300 µm

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

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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.

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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