

RockGard Epoxy Ester

Epoxy Ester – primer paint

C 1.39

Product description

A quick dry Epoxy ester primer pigmented with nontoxic anti corrosive pigment for an excellent protection of steel structure against corrosion in industrial and marine environments. The product offers good levelling properties and adheres well on powertool prepared substrate.

Designed For:

Suitable for structural steel and piping to be exposed to corrosive environments. Recommended for offshore environments, refineries, power plants, bridges, buildings, mining equipment and general structural steel.

Technical characteristics

Shelf life	36 months	Density: 1.35 ± 0.2 g/ml	Theoretical spreading rate: 10m ² /l at 40µm
Colour:	red/brown	Volume solid: 41 ± 2 %	Texture: matt

Pre-treatment

Surface preparation

Blast cleaning The performance of this paint will depend on the degree of surface preparation. All surfaces should be clean, dry and free from contamination. Surfaces should be treated in accordance with ISO 8504:2000.

The surfaces shall be blast-cleaned to min. Sa 2, preferably Sa 2½ (ISO 8501-1:2007). The surface profile and the anchor pattern shall be between 40 µm and 70 µm. The abrasives shall be free from oil, grease, moisture, chloride contamination etc.

The surface should be dry and clean compatible with (ISO 12944-4 6.1.4)

Application:



Spray guns



No of coats



Drying time

Stir well before use.

one component system

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%

Thinner Rock Coating Thinner RC500

	DFT	WFT	TSR
Range	35 - 55	85 - 135	11 – 7.5 m2
recommended	40	95	10

Substrate temperature	Touch dry	Dry to handle	Full cure
10°C	2 hours	5 hours	2 day
25°C	45 min	2 hours	1 day
30°C	30 min	1 hours	12 hours

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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TYPICAL PAINT SYSTEM

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

ROCK Gard Epoxy Ester 1.39 40 µm
ROCK Poxo Ester 5.51 2× 35 µm

Or

ROCK GARD EPOXY ESTER 1.39 1-2 40 µm
DIAMOND C4.2 2×35 µm

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

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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