

Rock Prene

Chlorinated Rubber – based paint

C 1.21

Product description

A high build chlorinated rubber primer pigmented with nontoxic pigments for the protection of steel Structures against corrosion in industrial and marine environments. It may be recoated with ROCK COATING Antifouling.

Designed For:

Recommended: steel structure protection in industrial field and used as med and top coat

Marine: recommended to be used above and below waterline compatible with antifouling

Protective: Used in wide range industrial structure.

Technical characteristics

Shelf life: 36 months Density: 1.3 ± 0.2 g/ml Theoretical spreading rate: $6.2 \text{ m}^2/\text{l}$ at $70 \mu\text{m}$
 Colour: red brown grey Volume solid 48 ± 2 % by weight 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 $40 \mu\text{m}$ and $70 \mu\text{m}$. 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.

 Mixing ratio	Stir well before use. one component system
 Sprayguns	Airless: 180-150 Bar nozzle size 0.48 - 0.66 mm with thinner 5% Brush: Multicoat are required to achieve the specified dry film thickness. Volume of thinner: 0 - 10% Roller: not recommended Thinner ROCK COATING thinner RC605

THEORETICAL SPREADING RATE TSR

	DFT μm	WFT μm	TSR
RANGE	50 - 100	90 - 180	9 - 5 M2
RECOMMENDED	70	155	6.3

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.

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DRYING AND RECOATING TIMES

Substrate temperature	Touch dry	Dry to handle	Full cure	Dry to recoat
10.°C	4 Hours	20 Hours	5 Days	20Hours
25 °C	1 Hours	16 Hours	3 Days	16 Hours
30 °C	40 min	12 Hours	1 Days	12 Hours

TYPICAL PAINT SYSTEM

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

ROCK PRENE 121 **2×75µm**
ROCK CRY 321 **50µm**

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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