

ROCK GUARD 750

Epoxy – based paint

U173

Product Description: -

ROCK GUARD 750 is a two-component, activated zinc-rich epoxy primer in compliance with the requirements in ISO 12944 Part 5, 2007 and Level 2, type II in SSPC Paint 20, 2002. Can utilize ASTM D520, type II zinc dust

Designed For: -

ROCK GUARD 750 As a versatile primer for long-term protection of steel in severely corrosive environments

Product Features: -

- Reduces the effect of corrosion and offers excellent protection
- Good mechanical strength, also in cyclic temperatures, with improved crack resistance through high flexibility and self-healing of micro cracks
- High tolerance to different climatic conditions (high temperature and humidity) during application, as well as, to high dry film thickness

Technical characteristics

Shelf life: 36 months	Density: 2.3 ± 0.2 g/ml	Theoretical spreading rate: $10.8\text{m}^2/\text{l}$ at $60\text{ }\mu\text{m}$
Colour: RAL dark grey	Volume solid $65 \pm 2\%$	Texture: flat

Pre-treatment

Surface preparation

Remove oil and grease etc. thoroughly with suitable detergent. Remove salts and other contaminants by high pressure fresh water cleaning. Abrasive blasting to Sa $2\frac{1}{2}$ (ISO 8501-1:2007), SSPC-SP 10/ NACE No. 2, with a sharp-edged surface profile corresponding to Rugotest No. 3, BN10a-b, KeaneTator Comparator, 3.0 G/S, 2-3 S, or ISO Comparator, Medium (G). (Consult the separate APPLICATION INSTRUCTIONS)

Preceding coat:

None.

Subsequent coat:

According to specification

Stirring.

Before mixing with the curing agent stir the base thoroughly in order to redisperse any possible settling after storage. After mixing it is equally important to maintain stirring to keep the wet paint as a homogeneous mixture. This is specifically important in case of a high level of thinning and/or long break in application, where the risk of settlement of zinc particles is the highest.

Applications.

Additional coats may be required to reach specified film build during brush/roller application and the overcoating times may be extended.

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	compound A 8.5 (vol.) U173 Compound B 1.5 (vol.) curing agent 970, 750																
		Ideal application conditions for two-component EPOXY products: 20°C and relative air humidity below 80%. Application not possible in temperatures below 10°C																
	Spray guns	Application method																
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TYPICAL PAINT SYSTEM

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

ROCK GUARD 750	60 µm
ROCK MASTIC 477D	150 µm
ROCK THAN 333	50 µm

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

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APPLICATION CONDITIONS

Use only where application and curing can proceed at temperatures above: -10°C/14°F. Maximum application temperature is 40°C/105°F. Maximum relative humidity: 95%. Special attention should be made to the prevailing temperature and RH trend to ensure that conditions are within the acceptable range throughout the application and drying time. The temperature of paint itself should be 15°C/59°F or above. Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.

Storage and shelf life.

Ambient temperature	25°C [77°F]	35°C [95°F]
Base	36 month	24 month
Curing agent	12 month	10 month

Shelf life from date of production, when stored in original, unopened containers. Thereafter, the product quality must be re-inspected. Always check the best before date or expiry date on the label

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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