

A757

Corroless EP Rust Stabilising Primer (D103)

(Temperate Grade)

Corroless EP Temperate is a two component glass reinforced rust stabilising primer.

PRODUCT BENEFITS

- MAF Approval for Meat & Dairy Industry Systems
- High build, solvent-less product
- Excellent abrasion resistance
- Moisture tolerant
- Can be applied to damp surfaces
- Ideal for use in aggressive environments
- Can be used as a single product system
- Can be used in tidal environments
- Nato Stock Number 0442-8010-99-661-8998
- Compatible with CP Systems
- Applications include ballast tanks, sheet piling, tanks, jetties, bridges and other structural steel

SURFACE PREPARATION

Recommended substrate: Steel

Manual preparation

Prepare using rust scrapers, chipping hammers, needle guns, wire brushes etc to St2 as per the Swedish International Standard SIS055900 or equivalent. Ensure all scale is removed. Wash down with clean fresh water prior to application. Allow to dry.

Mechanical preparation

Blast clean to minimum Sa1 as per the Swedish International Standard SIS055900 (SSPC SP-7) or equivalent. High pressure water jetting may also be utilised. Wash down with clean fresh water prior to application. Allow to dry.

New steel

All mill scale must be removed prior to application.

Maximum surface profile

75 microns (3 mils)

Grit type

Silica free sand or expendable grit (copper slag).

PROPERTIES

Colour Availability	Black
Finish	Semi gloss
Mix Ratio	1:1 Base to Hardener (by volume)
Working life (hours) at 18°C	45 minutes
Drying times (at 18°C)	Touch Dry: 6 hours Hard Dry: 16 hours
Overcoating	Minimum: 16 hours Maximum: 3 Days

Wet film thickness microns (μ)	210 microns
Dry film thickness microns (μ)	200 microns
% Volume Solids	96%
Theoretical coverage rate	4.8m ² /litre. Practical rates can vary depending on application method, temperature, profile of substrate etc.
Flash point (mixed material)	Above 55°C
Storage life	12 months when stored in original sealed containers between 10°C - 20°C

APPLICATION RECOMMENDATIONS

Application temperature	2°C-30°C
Max. relative humidity	95%
Substrate temperature	3°C above dew point
Thinning	Up to 5% Thinners No.4 Brush application: Apply unthinned, lay on, do not over brush Roller application: Short nap Lambswool roller. Max. 5% Thinners No.6
Airless spray application	Tip size: 0.017"-0.021" Fan angle: 50° Nozzle pressure: 4000 psi
Cleaning solvent	Thinners No. 4
Pack sizes	1 litre, 2 litre and 8 litre packs

NOTES

Mix thoroughly before use using a power mixer (drill + paddle attachment) for two to three minutes at a medium speed until an even colour is obtained. Best results are obtained by pre-stirring base and hardener separately prior to mixing.

Stripe coat all edges, nuts, bolts, welds etc.

Overcoatable with Corroless EP, RF30, RF35, and 60S. (Note: some bleed through may occur on lighter colours and it may be necessary to apply two coats).

If overcoating time exceeds 24 hours, cleaning prior to recoating using a detergent solution/clean water rinse is recommended. A Graco King 63-1 or equivalent is required.

HEALTH AND SAFETY

Irritant Avoid contact with skin and eyes. Avoid breathing vapour or sanding dust. When using this product it is recommended that full overalls, gloves, face mask and goggles be worn. Store container in a safe place when not in use. Do not burn container.

FIRST AID

EYES Flush with water for at least 15 minutes and seek medical advice.

SKIN Wash contact areas with soap and water. Remove all contaminated clothing, and seek medical advice. Do not scrub.

INHALATION Remove patient from further exposure, and keep patient warm and comfortable.

INGESTION Do not induce vomiting. Rinse mouth with water. Seek medical advice as soon as possible.

USE ONLY WITH ADEQUATE VENTILATION

KEEP OUT OF REACH OF CHILDREN

TRANSPORTATION AND DISPOSAL

Class	3
Hazchem Code	•3YE; •3Y
UN No	1263
Packing Group No	III
Fire Extinguishing Media	CO ² , Foam, Dry Chemical
Fire Fighting Procedure	Fire fighters should wear self contained breathing apparatus. Fight fire from a protected location as product may explode on heating. The vapours are heavier than air, so may travel along the ground to accumulate in low areas. Fire may flash back along vapour trail, and can also react with oxidising agents.

Spills should be cleaned up immediately by using sand or other non-flammable absorbent materials. Ensure material does not enter waterways. Dispose of empty containers in accordance with local by laws.

OTHER INFORMATION

This product may be used for a wide variety of surfaces. If the surface you propose to paint is not referred to, contact Protective Paints Technical Department for classification.

For further technical information please phone 0800 724 684.

RELIABILITY OF INFORMATION

All statements and technical information contained herein are based on tests we believe to be reliable but the accuracy thereof is not guaranteed. Since Protective Paints Ltd has no control over product application, purchasers and users must confirm the suitability of our products under their conditions to meet their own requirements.

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