

A758 Corroless EPF Rust Stabilising Primer

PRODUCT DESCRIPTION AND USES

Corroless EPF is a two pack glass reinforced rust stabilising primer ideal for aggressive environments.

- Tar free
- High build, solvent-less product
- Excellent abrasion resistance
- Moisture tolerant
- Can be applied to damp surfaces
- Can be used as a single product system
- Can be used in tidal environments
- Suitable for potable water
- Applications include ballast tanks, sheet piling, tanks, jetties, bridges and other structural steel

PHYSICAL PROPERTIES

Colour/Texture	Black/Semi Gloss
Size	8L Pack
Volume Solids	96%
Mixing Ratio	Volume Mix 1 part Base to 1 part Hardener
Potlife (18°C)	45 minutes
Drying Time (18°C)	Touch Dry: 6 hours Hard Dry: 16 hours
Recoat Time	Minimum: 16 hours Maximum: 7 days
Flash point	55°C
Shelf Life	12 months when stored in original sealed containers between 10°C-20°C

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).

APPLICATION DATA

May be applied by spray, brush or roller.

Substrate temperature must be at least 3°C above dew point. Relative humidity should not exceed 85%.

Brush application – apply unthinned, lay on, do not over brush.

Roller application: short nap lambswool roller, max 5% thinner.

Airless spray	Line Pressure:117 Bar
Tip Size:	0.017 - 0.021mm
Fan Angle:	50°
Nozzle Pressure:	4000 psi
Recommended D.F.T	200 microns
Recommended W.F.T	210 microns
Theoretical Spreading Rate	4.8m ² /litre
Thinners/Cleaners	Corroless Thinners No. 4 (thin up to 5%)

Note - 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 RF35, and 60S.

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

HEALTH AND SAFETY / STORAGE

For detailed information refer to the product label or SDS, available on request.

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.

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