

TECHNICAL DATA SHEET

Cut Edge Corrosion System

Reference	SWT Corrosion Primer	Flexlap
Purpose/Uses	Rust and wet tolerant for use with Liquasil polymers	Cut Edge Corrosion Treatment
Colour	Grey	Goosewing Grey plus RAL Colour Range
Application	Brush or Roller	Apply by Brush - Roller
Volume Solids	100%	100%
Recommended Film Thickness	@100um Heavily rusted or pitted surfaces may require 2 coats	350-500 microns
Coverage Rate	Approx 40 linear metres per 1.0 kg tin	Approx 40 linear metres @ 150mm band thickness per litre
Drying Time	Allow 6-24 hours drying time	Rain free - 2 to 3 hours Thoroughly dry- 16 hours
Thinners/Brush wash	Use Sacrificial Brushes	Xylene
Weight per Litre	2 kg (Supplied in 0.5 litre tins)	0.98 kg
Flash Point	> 100° C	Above 32° C
V.O.C.	V.O.C. Free	V.O.C. Free
Finish	Semi Gloss	Semi Gloss
Application Temperature	5° C to 40° C (Optimum 15° C to 30° C)	-5° C +60° C
Considerations	Keep tins cool and shaded in summer. Keep tins warm in winter.	
Approvals	ABS Certified, IMO Approval, Lloyds Approval Ballast Tank Maintenance Coating Lloyds Type Approval: New Build Applications (Bore Steel and Shop Primers)	BBA Certification 18/5536
Surface Preparation	Remove existing or factory finishes and prepare to bare metal	All surfaces must be clean and thoroughly dry, particularly at joints

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Application Method

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Liquasil does not normally recommend the sealing of overlapping roof sheets, nor treatment to the bottom roof sheets where no corrosion exists.

- Remove existing finishes and prepare to bare metal in a straight line, including profile crowns. Feather-in edges of existing / factory finishes. Surface rust may remain.
- Apply a single coat of Liquasil SWT Corrosion Primer to the prepared area at a film thickness of 100 microns
- Allow SWT Corrosion Primer to cure before applying a single coat of Liquasil Flexlap polymer finish at a wet film thickness of 350 – 500 microns. Surfaces must be bone-dry during application.



Preparation



Primer Applied



Completed Installation

Corrosion Primer – Important Notes

- The SWT Primer is a two-part epoxy comprising the primer (part A) and the hardener (part B)
- Part B is corrosive. Operatives must wear suitable PPE when handling
- Carefully and thoroughly stir one bottle of activator (Part B) into the tin of primer (Part A)
- Use the contents immediately. The contents will cure in the can in approximately 20-50 minutes depending on ambient temperature. Do not leave unopened cans unattended.
- On sunny days, keep the contents of the SWT Primer (both parts) in the shade and at a temperature below 20°C (store in a bucket of water on hot days). This measure helps prevent exothermic build-up during the products' chemical reaction, which can occur and causes the mixed contents to become very hot.

The primer can be installed on wet or damp surfaces, but will need more working with the brush. For ease of application, loosely towel dry the area to be treated to remove excess water.

Drying time is approx. 4 hours at 15°C and up to 24 hours curing time.

Over-coating time is unlimited.

Please refer to relevant MSDS sheets for further information.

The above instructions assume that no rust / rot is present to the bottom roof sheets where overlaps occur.

Non-Standard Installations

If an existing cut edge corrosion system is present, refer to Liquasil for further instructions or site survey.

Note that severely corroded roofs may not qualify for the Liquasil Latent Defects insurance Guarantee.

