

Rust-O-Thane

Primers

Surface tolerant

RUST-O-THANE is a **single component moisture cured PU based maintenance coating** suitable for application on inadequately prepared surfaces and is independent of weather conditions like temperature, humidity etc.

Rust-O-Thane, having a low initial viscosity, wets the rusty surface, then penetrates into the foundation of the rust's origin where the curing begins. The polymer literally begins to swell, developing an inter locking network between the pores of the surface and the coatings

Uses:

Most suitable for use as maintenance coating in hostile application conditions. Rust-O-Thane is the most preferred coating for damp surfaces because it is designed to react with moisture and therefore form a better bond. The reaction with moisture consumes available water and as a result, it is not trapped under the film where in other 2K systems, it produces corrosion of metal.

Surface preparation:

Steel:

- Remove oil, grease and any other contaminants using solvents.
- Make full use of mechanical tools, manual chipping or wire brushing to remove loose rust and scale to minimum of St 2 Swedish standard SIS 05 5900.
- Avoid burnishing of metal surface.

Application:

- Stir the contents thoroughly to re-disperse the pigments that may have settled.
- Mixing procedures that introduce air and moisture into the contents of the can must be avoided.

Typical physical properties:

Type	Single pack polyurethane
Composition	Moisture cured polyurethane with aluminium pigments
Finish	Silvery
Mixing ratio(R:H)	Not applicable
Pot life	Not applicable
Application	Brush/Airless / Air spray
Recommended Wet film thickness	110 microns
Recommended DFT	50 Microns
Volume Solids	45%
Drying time: at 50% RH	
To touch	30 - 45 minutes
To handle	3-4 hours
Hard dry	24 hours
Full Curing	7 days
Theoretical Coverage	8-9 Sqm / lt / coat @ 50 microns
Overcoat interval	Minimum 3-4 hours / Maximum 4 days
Flash point	Above 20 °C
Recommended thinner	Dilution- PUT 503 Clean-up - PUT 502
Shelf life	6 months in the unopened container.