

SOLIDGUARD DTM TOUCH-UP

Multi-Purpose Acrylic Coating

Solidguard DTM Touch-Up is a single pack (1k) physically drying, solvent based acrylic coating.

BENEFITS:



Easy application.



Quick drying.



Surface tolerant.



Excellent adhesion to ferrous and nonferrous metals.



Low temperature cure.



Re-coatable with various one and two component products.



Excellent anti-corrosion properties.

CHARACTERISTICS

- High build matt finish.
- Suitable for various substrates; wood, concrete, plaster, ferrous and non-ferrous metals.
- Excellent drying even at low temperatures, 5 °C.

TECHNICAL DETAILS

| | |
|-------------------------|--|
| Application | Roller , Brush or Spray |
| Finish | Flat |
| Profile | Smooth |
| Solids | 55 % |
| Application Temperature | 5 - 30 °C |
| Spread Rate | 8 - 10 m ² / L |
| Dry Film Thickness | 75 - 80 micron |
| Surface Dry at 25 °C | 30 min |
| Over Coat | Min. 4 hrs Max. Unlimited |
| Mix Ratio | Single Pack |
| Colour | Red Oxide, Green, Brown & Standard Colours |
| Thinners | Solidkote 503 PU Thinner |
| Shelf Life | 12 months |

APPLICATIONS

- Refineries
- Power plants
- Bridges and buildings
- Mild steel and galvanized steel
- Shop primers
- Steel structures
- Pipe coating
- Marine coatings above water line

SUBSTRATE REQUIREMENTS

- Surfaces to be coated must be clean and free of dust, oily residues and loose friable material.
- All steel surfaces to be abrasive blast cleaned to SA 2^{1/2}, blasting profile 40 - 70 um (ISO 8501-1:2007) or power tool cleaned to min. ISO St 2.
- If oxidation has occurred between blasting and application, the surface must be reblasted.
- Surface defects revealed by blasting, should be ground and filled with Solidkote 121 Epoxy Putty.

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INSTRUCTIONS FOR USE

- Stir the product well before use.
- The temperature of the paint should be above 15 °C, otherwise extra thinner may be required to obtain application viscosity.
- Too much thinner will reduce resistance to sagging.
- Adequate ventilation must be maintained during application and curing.

AIR SPRAY

- Thin the product as needed between 5 - 10 % depending on the required thickness and application conditions.
- Thinner: Solidkote 503 PU Thinner
- Nozzle Orifice: 1.7 - 2.0 mm
- Nozzle Pressure: 0.2 - 0.3 MPa
(± 2 – 3 bar, 29 – 44 psi).

AIRLESS SPRAY

- Thin the product to between 0 - 5 % or as needed.
- Thinner: Solidkote 503 PU Thinner
- Nozzle Orifice: 0.38 - 0.53 mm
- Nozzle Pressure: 12 - 16 MPa
(120 - 160 bar, 1740 - 2321 psi)

BRUSH / ROLLER

- Thin the product between 0 - 3 % as needed.
- Use short mohair roller for best finish and build.
- Thinner: Solidkote 503 PU Thinner

CLEANING SOLVENT

Solidkote 503 PU Thinner

OVERCOATING TABLE

Surface should be dry and free of any contamination. Solidguard DTM Touch-Up at 75 um.

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|--------------------------------|----------|
| SOLIDGUARD DTM TOUCH-UP | 4 Hours |
| SOLIDKOTE UVC | 8 Hours |
| SOLIDGUARD 88 | 12 Hours |

HEALTH AND SAFETY:

The system contains strong solvents - there must be no open flames or smoking in the vicinity. All appropriate PPE must be worn.

Please read Safety Data Sheet and specific health and safety data for this product provided in compliance with the requirements of OHS No.85 of 1993. The finished system is not hazardous to health or the environment.

WARRANTY

Technical Finishes products are manufactured under high quality standards and are warranted against defective materials and are sold subject to standard Terms and Conditions of Sale, copies of which can be obtained upon request. Technical Finishes deals with approved applicators and carry a back to back warranty with these clients. Technical Finishes cannot be held responsible for the workmanship in surface preparation and application of our products, it is understood that the approved contractor will guarantee such workmanship and application. It is vital that the application is done in accordance to our specification.