

Plastic Coating **DTM**

Solvent based, plasticized UV resistant acrylic direct-to-metal coating

A one component, solvent based, acrylic, flexible adhesion promoted primer & finish coating.

Intended Uses:

As a primer & finish protective coating applied directly to metal or painted surfaces. The coating exhibits high flexibility, good adhesion, very good weather resistance and colour stability.

Exhibits very fast drying properties and short handling times even at low temperature resistance.

Can be used as a dip, spray or brush applied coating on OEM components, fencing, posts, general metal & industrial equipment, containers, and structures.

Properties:

- Easy application by roller or airless spray or dipping.
- Resistant to UV.
- Highly adherent.
- Single component.

Technical Data:

Composition	Solvent based acrylic
Colour & Appearance	All colours, glossy finish
Pack Size	5, 20 & 200 Litre
Density kg / Lt	1.05 Kg/ Litre
Mass Solids	55%
Volume Solids	45%
Diluent	Solvent XL
Viscosity KU	Approx. 60 KU
Recommended Wet Film Thickness per coat	Min 80µm – Max 150µm
Recommended Dry Film Thickness per coat	Min 36µm – Max 67.50µm
Total Dry Film Thickness	70 – 120µm
Number of Coats	1 to 2
Spreading Rate	6.4 m ² / Lt @ 70µm DFT
Storage	Store out of direct sunlight in dry conditions between 15°C and 25°C
Shelf Life	12 months when stored as recommended in original un-opened containers
Clean Up	Solvent XL
Drying time @ 25°C	10 minutes – TOUCH DRY 1 hours – Overcoating 8 hours – Through dry
Optimal Application Temperature	Surface - Minimum 5°C – Maximum 35°C Ambient – Minimum 5°C – Maximum 30°C Relative Humidity Minimum 10% - Maximum 85%

*on smooth surface. Rough or rusty metal will increase consumption.

Surface Preparation:

In general, the following guidelines for preparation should be adhered to. Always consult for a detailed specification.

- The areas to be coated should be dry, firm, solid and free from dust, oil, fats, and other contaminants.
- Surface must be free of any fungal growth or algae, clean with Fungicidal Wash.
- Laitance and loose particles must be removed thoroughly i.e. grinding /high pressure cleaning or abrasive blast cleaning.
- Loose rust must be removed.

Mixing:

Mix well prior to use with a flat-bottomed paddle or electrical mixer.

Application:

- Designed for airless spray application or when not possible brush or roller.
- At dip application paint can be thinned up to 50% with solvent XL Prior to use.
- At spray application paint can be thinned up to 20% with Solvent XL prior to use.
- 11 to 21 thou nozzle size for airless spray is recommended. Keep drum covered during application to avoid skinning.
- Pressure should be adjusted to ensure fine atomization.

Caution:

- Always consult with technical department if unsure.
- Refer to product MSDS for health & safety prior to using products.
- Always wear safety clothing / protection. Respirators, eye protection and skin protection.

Systems:

Consult with Specialized Coating System for application specific recommendations.