



MP40 METAL TOPCOAT

PRODUCT DATA SHEET

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THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product description

FAST MP40 Metal Topcoat is a non-drip water based polyurethane acrylic enamel paint for metal. FAST MP40 Metal Topcoat combines the toughness and strength of polyurethanes with the excellent weather resistance of acrylics, forming a long-lasting hard finish. Used together with the recommended Fast MP primers, FAST MP40 Metal Topcoat will protect metal surfaces from rust for years.

Intended Uses

Protection and decoration of interior and exterior metal surfaces.

Universal – Topcoat for all metal surfaces.
For new or previously painted metal surfaces.

Features & Benefits

- Water based
- Non-drip
- Rust Protection
- Anti-corrosive topcoat
- Dries to a tough durable finish with good weather resistance
- Low VOC's
- Non yellowing
- Low odour
- Provides a smooth semi-gloss finish

Product Information

Type	Water based Polyurethane Acrylic Enamel
Appearance	Satin
Colours	White and colours. See colour chart
Tint Bases	Available to tint any colour
S G at 23°C	Approx. 1,19
Recommended DFT/coat	30 micron per coat at a spread rate of 10m ² /ℓ.
Flash point	Non-flammable



Theoretical spreading rate 10m²/ℓ.
Practical spreading rate The practical spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used.

Cautions

Heavy applications exceeding 200 µm wet film thickness should be avoided to prevent sagging.

Surface Preparation

Ensure all surfaces are thoroughly clean, sound dry and free from any contaminants such as dirt, rust, salt, algae and grease.

New Metal (Mild Steel)

Abrade surface lightly and remove all loose surface rust and mill scale by sanding or wire brushing. Remove all remaining rust with Fast MP1 Deoxidene. Clean away grease, dirt and dust with Fast Grease Buster. Rinse thoroughly with water until a water break-free surface is attained and allow to dry.

Weathered / Previously painted metal (mild steel):

Remove all loose, flaking paint and rust by wire brushing, chipping or sanding to expose the metal surface. Remove all remaining rust with Fast MP1 Deoxidene. Clean away grease, dirt and dust with Fast Grease Buster. Rinse thoroughly with water until a water break-free surface is attained and allow to dry.

New Galvanized Iron:

New Galvanized Iron is covered with a protective layer which needs to be removed. Treat surface with Fast MP2 Galv-prep (follow instructions). Clean away grease and dirt with Fast Grease Buster. Rinse surface thoroughly with water until a break-free surface is attained and allow to dry.

FAST MP40

METAL

TOPCOAT



Weathered / Previously painted Galvanized Iron:

Remove all loose, flaking paint and rust by wire brushing, chipping or sanding to expose the metal surface.
 If Galvanizing layer damaged and surface rust present, then remove all rust with Fast MP1 Deoxidene.
 Treat surface with Fast MP2 Galv-prep (follow instructions).
 Clean away grease and dirt with Fast Grease Buster.
 Rinse thoroughly with water until a water break-free surface is attained and allow to dry.

Aluminium and Stainless Steel:

Abrade surface with 220 grit waterpaper using Fast E-thinners as a lubricant. Rinse with Fast E-thinners and allow to dry.

PRIME

Mild steel and Galvanized Iron:
 Prime surface with either Fast MP20 Metal Etch Primer or Fast MP30 Metal Etch Primer.
 Carefully follow application instruction of either Fast MP20 Metal Etch or Fast MP30 Metal Etch Primer.

Aluminium and Stainless Steel:
 Prime surface with Fast MP30 Etch Primer.
 Carefully follow instructions of Fast MP30 Metal Etch Primer.

Application Details

Mixing	Stir thoroughly with a flat paddle until homogeneous
Method	Brush, roller or spray
Thinning	Not recommended - Ready for use
Cleaning	Water
Drying time	Touch dry 30 min – 1 hour
Recoating time	4 hours

Storage & Packaging

Store away from direct sun, heat and severe cold.
 Packaging: 1ℓ, 5ℓ.

Precautions

Keep out of reach of children.
 Ensure good ventilation during application and drying.
 In case of skin contact, wash with soap and water or a recognized skin cleaner.
 Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.
 Harmful if swallowed. Do not induce vomiting. Seek medical attention.
 Refer to Material Safety Data Sheet for complete information.

DISCLAIMER:

The recommendations contained herein are given in all good faith and are meant to guide the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

N.B. Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest Technical Data Sheet is being used.