



DMC 100 ETCH PRIMER

PRODUCT DATA SHEET

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THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS



Product description

DMC 100 ETCH PRIMER is a premium anti-corrosive wash etch primer. Ultimate durability with high solids. Versatile primer with excellent adhesion to clean galvanised iron and non-ferrous metals. May be used as a pre-treatment primer for new steel surfaces. An excellent primer, being both quick drying and abrasion resistant. Provides excellent adhesion and a good base for top coating.

Intended Uses

- For use on all steel surfaces.
- Specifically recommended for galvanized iron (raw and weathered).
- Provides excellent adhesion for subsequent coatings.
- A quick drying acid-hardening pre-treatment primer suitable for interior and exterior use.
- Provides an excellent primed surface for over coating with conventional paints and some heavy-duty coatings.
- Upgrades corrosion resistance.

Features & Benefits

- Lead free
- Best available primer for galvanised iron surfaces, with excellent adhesion properties.
- An excellent anti-corrosive primer for use over abrasive blast-cleaned steel (cleanliness standard Sa21/2).
- Can be over coated with most commercially used paints, both solvent and water-based.
- Quick drying

Product Information

Type	Wash Etch primer (PVB / Phenolic Dual System)
Appearance	Semi-matt Finish
Colours	Red Oxide

Solids Approx.

47% by mass; 35% by volume

S G at 23°C

Approx:1,27

Recommended DFT/coat

Min. 25µm. Max. 35µm.

Flash Point

Flammable

Theoretical spreading rate

8-12m²/ℓ depending on application

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

MUST BE OVERCOATED WITHIN 4 HOURS.

Do not apply during cold (below 10°C) or wet weather.

Not suitable for direct application to powdery or friable surfaces whether previously painted or not.

Do not apply over rusty unprepared metal surfaces.

Quick drying - avoid application to very hot surfaces.

Surface Preparation

Ensure that surfaces are dry, sound, and free from dust, dirt, grease and oil before painting.

Mild steel: Degrease with FAST GREASE BUSTER. Rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding, etc. or FAST DEOXIDENE. Prime general surfaces the same day with STEVENSONS DMC100 ETCH PRIMER. Overcoat within 4 hours.

Galvanised steel: Clean with FAST GALF PREP to achieve a water break-free surface. Rinse thoroughly with water. Prime the same day with STEVENSONS DMC100 ETCH PRIMER. Overcoat within 4 hours.

INDUSTRIAL

DMC 100 ETCH

METAL ETCH PRIMER



Application Details

Mixing	Stir thoroughly with a flat paddle
Method	Brush, roller or spray
Thinning	Thinning not recommended. Ready for use after thorough stirring
Cleaning	E-thinners
Drying time	Touch dry 30min (depending on temperature)
Recoating time	1 Hour (not longer than 4 hours)

Storage & Packaging

Store away from direct sun, heat and severe cold.
Packaging: 1ℓ, 5ℓ, and 20ℓ.

Safety Precautions

Keep out of reach of children.
Ensure good ventilation during application and drying.
Toxic fumes if welded - wear positive pressure air-fed masks for welding.
In case of skin contact, wash with soap and water or a recognised skin cleanser.
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. Drink plenty of water. 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.