



M E PRIMER

METAL ETCH PRIMER

Description

Duram M E Primer is a premium, single pack, epoxy modified etch primer formulated to provide excellent adhesion to most ferrous and non-ferrous metals including galvanised steel and aluminium.

Uses

It is recommended as an etch primer for mild steel, aluminium, galvanised iron & steel, copper and brass.

Note: Test patches should be carried out before general use.

Suitable Surfaces

See above.

Specification

The information contained in this product data sheet is typical but does not constitute a full specification as conditions and specific requirements may vary from project to project. The instructions should be considered as a minimum requirement but the applicator or contractor must use their skill, knowledge and experience to carry out additional works as may be necessary to meet the requirements of the project. Specification for specific projects should be sought from the Company in writing.

Precautions in Use

Warning:

- The product is highly flammable and volatile. Keep all sources of ignition and heat away until fully cured. Use in well ventilated areas.
- If spraying, avoid breathing in vapour. Use suitable breathing mask.
- Always observe proper industrial hygiene and practices are used. Always observe safety precautions.
- Keep lids tightly closed when not in use.

Priming and Surface Preparation

Good preparation is essential. Surfaces must be sound, stable, dry, clean and free of dust, loose, flaking, friable material and substances that may diminish adhesion.

Surfaces must be dry, clean and free of rust, dust, oils, grease wax and contaminants. Remove all mill scale and rust by blast cleaning by abrasive power tool then dust off and clean surface.

Note: Adhesion will be diminished or negated if applied to damp, rusty or contaminated surfaces.

Application

Stir contents thoroughly before use and intermittently. After proper preparation, apply in generally one coat by spray, brush or roller ensuring that the entire surface is adequately covered.

The minimum theoretical coverage / usage is 10m²/per litre giving a wet film of 10 microns but practical coverage depends on the type and profile of the surface and method of application.

For non-ferrous-metal ensure that the dry film thickness is greater than 10 microns.

A second coat may be applied but must be applied as soon after the first is dry and within 30 minutes.

Do not apply in temperatures below 5°C and above 30°C. Refer to MSDS.

Coverage

The stated average coverage rate may vary depending upon type, condition, porosity, texture of the surface and application technique.

Theoretical coverage is 10m² per litre to give a 10 micron thick coating.

Colours

Generally grey but is subject to change.

Drying and Curing

Drying and curing of the product is affected by type, dryness and porosity of the surface, temperature, humidity, ventilation, climate conditions and application technique and therefore drying and curing can only be given as a guide.

Generally:

Touch dry: 5 to 10 minutes.

Recoat: 10 to 30 minutes. Recoat must be done within 30 minutes.

Hard dry: 30 minutes.

Storage

Store in cool, dry area away from heat sources. Product is flammable. Dangerous goods Class: 3.2. Flash Point 30°C. UN 1263 PG111.

Containers should be kept tightly closed. Keep away from corrosive materials.

Available in 1, 4, and 20 Lt pails.

Clean Up

Wet spills can be cleaned with Duram Solvent, but given the speed of cure and type of product it is usually difficult to clean particularly from porous surfaces. Spills should be avoided.

Tiling, Topping or Top Coating

Not Applicable.

Safety & Precautions

Duram M E Primer is solvent based and is highly flammable.

- Keep all sources of ignition well away including heat, sparks, flame. Do not smoke.
- Use in well ventilated areas.
- The use of goggles against splashes and rubber gloves should be worn.
- If spraying use a suitable breathing mask.
- Keep lid closed when not in use.

For full safety data refer to the products Material Safety Data Sheet. Observe precautions as per label.

CONDITIONS OF USE AND DISCLAIMER

The information contained in this data sheet is given in good faith based upon our knowledge and current information and does not imply warranty. The information is provided and the product sold on the basis that the product is used for its intended use and applied in a proper workman like manner in accordance with the instruction in this data sheet onto suitable and correctly prepared surfaces which shall remain sound, stable, free of structural defects, cracking, spalling concrete cancer, negative pressure, movement or other conditions that may effect the performance of the product. Deviations from application instructions may diminish or negate the performance of the product. Under no circumstances will the Company be liable for any loss, consequential or otherwise, arising from the use of the product. Liability is limited to the replacement of proven faulty product.

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