



PRODUCT 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.

USAGE/PURPOSE

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.

PACKAGING

4 Lt pail.

COLOUR

Generally Grey but is subject to change.

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.

COVERAGE/YIELD

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.

SURFACE PREPARATION

- ❑ Good preparation is essential. Surfaces must be sound, stable, dry, clean and free of dust, loose, flaking, friable material, oils, grease wax and substances that may diminish adhesion.
- ❑ Remove all mill scale and rust by blast cleaning by abrasive power toll then dust off and clean surface.
- ❑ Note: Adhesion will be diminished or negated if applied to damp, rusty or contaminated surfaces.

Timing of Priming Is Critical:

- ❑ Once a ferrous metal surface is free from rust and other impurities, priming should be done as quickly as possible. This timing is vital because rust can begin to re-form on iron or steel if the surface is exposed for as little as a day or two. If that happens, you will have to prepare the surface again.
- ❑ When painting ferrous metal, it is important to apply a top-quality metal primer because it must perform two vital functions: provide the bond between the topcoat and the metal and inhibit corrosion. This is a point you should not compromise.

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 SDS.



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 - 10 minutes.
- ❑ Re-coat: 10 - 30 minutes. Re-coat must be done within 30 minutes.
- ❑ Hard Dry: 30 minutes.

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. 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.

HEALTH & SAFETY PRECAUTIONS

Duram M E Primer is solvent based and is highly flammable and volatile. Keep all sources of ignition well away including heat, sparks, flame until fully cured. 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.

The Safety Data Sheet (SDS) must be read and understood prior to use.

CONDITIONS OF USE AND DISCLAIMER

The information contained in this TDS is given in good faith based upon our current knowledge and does not imply warranty, express or implied. The information is provided and the product is sold on the basis that the product is used for its intended purpose and is used in a proper workmanlike manner in accordance with the instructions of the TDS in suitable and safe working conditions. Under no circumstances will the Company be liable for loss, consequential or otherwise, arising from the use of the product.



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