



METACARE

AP10 ETCH PRIMER

Product Description

Single pack, quick drying polyvinyl butyral and zinc phosphate based etch primer for nonferrous steel. The primer has excellent adhesion to galvanised steel, Aluminium and Zinalume. Can be topcoated with various finishes. The primer can also be used for pretreatment of steel surfaces after proper surface preparation.

Areas of Application

For the pre treatment of Aluminium, Galvanised steel and Zinalume.
Suitable for interior and exterior use.

Technical Data

Colour	: Grey
Gloss Level	: Not applicable
Solvent Resistance	: Fair.
Toxicity	: Dry film is non toxic
Thinning & Clean Up	: 6.02 Thinner. The primer is designed for undiluted application.
Theoretical Coverage	: 8 sq. m. / litre. Practical coverage depends on surface profile, method of application and dry film thickness. Higher film thickness leads to lower coverage
Drying Time (at 25° C & RH 60%)	Touch dry: About 10 minutes. Recoat: 2 hours. Cooler temperature, higher film thickness or higher humidity conditions will lead to longer drying times.
Packs available	: 4 L, 1 L.

Method of Application

Spray. Brush and Roller application shall be restricted only for small areas.

Surface Preparation and Application.

Mild Steel: Remove all mill scale, rust by blast cleaning. In case blast cleaning is not practical, use suitable abrasive power tools to clean the surface. Dust off the surface. Ensure that surface to be primed is free from oil, wax and grease by wiping with suitable thinner. Prime the surface immediately.

Non ferrous metals: Ensure the surface is free from oil, wax, grease and other contaminants by cleaning with GP thinner. Carry out light sanding to provide mechanical key to the primer. Wipe the surface clean for application of primer. The oxide layer on old non-ferrous metals should be removed by cleaning with stiff nylon brush and plenty of fresh water.

Application:

Stir the contents thoroughly before use. Apply one coat evenly by spray or brush after proper surface preparation. Avoid over-brushing as primer dries fast. Allow the primer to dry for at least two hours before application of undercoats and finishes.

Flammability & Transport

Highly flammable, Dangerous Goods Class 3.2, Flash Point 10⁰C, UN 1263, PG III

Safety & Precautions

Do not apply when surface temperature is below 10⁰ C.
Provide adequate ventilation during use.
Please refer to the Material Safety Data Sheet before using this primer.

DISCLAIMER:

Although the facts and suggestions in this publication are based on our own research and are believed reliable, we cannot assume any responsibility for performance or results obtained through the use of our products herein described, nor do we accept any liability for loss or damages directly caused by our products. The user is held to check the quality, safety and all other properties of our product prior to use. Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license.

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