

PRODUCT DESCRIPTION

Berger Etch Primer is a two pack polyvinyl butyral primer containing phosphoric acid and corrosion inhibitive pigments.

- Can be overcoated with single pack and two pack products
- Contains phosphoric acid to etch the surface
- BS 5493 reference. Meets performance of AP2A

DESIGNED USE

- Acidic pretreatment for non ferrous metals to ensure good adhesion of subsequent coatings e.g. aluminium, Zinc, Nickel, copper etc
- Suitable for use on new and aged clean galvanised steel.
- Suitable for very corrosive environments once suitable Berger primers and topcoats are used

PHYSICAL DATA

VOLUME SOLIDS (based on ASTM D2697)	8.6% ± 2%
TYPICAL DRY FILM THICKNESS	5 microns
WET FILM THICKNESS	60 microns
THEORETICAL COVERAGE	15.3-17.0 sq. m./litre @ 5 microns
COLOUR	Greenish Yellow
FINISH	Eggshell

APPLICATION DETAILS

METHOD OF APPLICATION:

AIRLESS SPRAY

This is possible method of application, but great care must be taken to ensure the recommended film thickness, are not exceeded. Use a tip with a wide fan width. Maximum 2% Thinner may be added. Tip Size: 0.22 - 0.30 mm (0.009 - 0.011 in) Pressure: 90 - 130 kg/cm² (1300 - 1800 psi)

CONVENTIONAL SPRAY

This is recommended method of application. Use standard equipment with a pressure of 2.8-3.0 kg/cm² (40-45 psi) Maximum 2% Thinner may be added

BRUSH OR ROLLER

May be used for difficult shapes or touch-up; however care must be taken not to exceed the recommended film thickness and ensure that an even film is applied.

DRYING TIME: (@35°C)

Touch Dry: 5 mins
Hard Dry: 30 mins
Re-coat: Min 30 mins – Max 5 hrs

NO. OF COMPONENTS: Two

MIXING RATIO: 1 parts base to 1 part acid diluents (by Volume)

APPLICATION CONDITIONS: Do not apply this product if the Relative Humidity

DECORATIVE COATINGS

Berger Etch Primer



ADDITIONAL INFORMATION

Thinner / Cleaning solvent	Berger Lacquer Thinner
Storage Instruction	Store in a cool shaded dry area
Packaging	1 Gallon (3.7L), 1 Quart (0.9L)
Shelf Life	12 months from the date of Manufacture

SURFACE PREPARATION

FERROUS METALS

The life span and performance of this coating is directly related to the degree of surface preparation.

- Remove all wax, oil and grease by solvent cleaning in accordance with the guidelines given by SSPC-SPI
- A wet abrasion using Berger Lacquer thinner and abrasive paper will improve subsequent adhesion and ensure removal of surface contaminants
- The surface to be coated must be clean and dry

NON-FERROUS METALS

- Ensure that white zinc and other surface contaminants are removed by abrading with abrasive paper or suitable mechanical tools
- Remove all wax, oil and grease by solvent cleaning in accordance with the guidelines given by SSPC-SPI
- The surface to be coated must be clean and dry

SAFETY PRECAUTIONS

This product contains acid.

- Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks and gloves. Use a barrier cream
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray
- This product is flammable. Keep away from sources of ignition. Do not smoke. Take precautionary measures against static discharge. In case of fire – blanket flames with foam, carbon dioxide or dry chemicals
- Refer to MSDS for further information

FIRST AID

- Eyes: In the event of accidental splashes, flush eyes with water immediately and obtain medical advice
- Skin: Wash skin thoroughly with soap and water or approved industrial cleaner
- **DO NOT USE solvent or thinners**
- Inhalation: Remove to fresh air, loosen collar and keep patient rested
- Ingestion: In case of accidental ingestion, **DO NOT INDUCE VOMITING**. Obtain immediate medical attention

DISCLAIMER

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.

For specific recommendations, contact your Berger Technical Service Representative or Technical Service Department.
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