

PRODUCT DESCRIPTION

A two pack polyvinyl butyral primer containing phosphoric acid and corrosion inhibitive pigments also known as Wash Primer.

- Can be over coated 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 cladding.
- Suitable for use on new and aged clean galvanized steel.
- Suitable as an Etch Primer for upto C5 Environment as per ISO12944 Part 2 along with suitable intermediates and topcoats

PHYSICAL DATA

VOLUME SOLIDS (Based on ASTM D2697)	8.5 % \pm 0.5 %
TYPICAL DRY FILM THICKNESS	5 microns
WET FILM THICKNESS	60 microns
THEORETICAL COVERAGE	17.0 m ² /litre @ 5 microns DFT
VOC "As Supplied" (Based on ASTM D3960)	737 gms/ltr
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.
Maximum 2% Thinner may be added.
Use standard equipment with a pressure of 2.8-3.0 kg/cm² (40-45 psi)

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:

Surface Temperature	Touch Dry	Hard Dry	Over coating Interval		Pot Life
			Minimum	Maximum	
15°C	30 mins	2 Hrs	2 Hrs	8 Hrs	12 Hrs
25°C	15 mins	1 Hr	1 Hr	6 Hrs	8 Hrs
35°C	5 mins	½ Hr	½ Hr	5 Hrs	4 Hrs
45°C	3 mins	10 mins	½ Hr	4 Hrs	2 Hrs

NO. OF COMPONENTS

Two

Mixing Ratio

4 parts base to 1 part Acid diluent (by Volume)

Application Conditions

Do not apply this product if the Relative Humidity exceeds 85% or if the substrate temperature is within 3°C of the dew point

ADDITIONAL INFORMATION

Thinner / Cleaning solvent	Solvalux 5-30
Storage Instruction	Store in a cool shaded dry area
Flash Point	Mixed 10°C
Packaging	5 liters
Shelf Life	12 months from the date of manufacture.

**SURFACE
PREPARATION****NON FERROUS METALS**

- Remove all wax, oil and grease by solvent cleaning in accordance with the guidelines given by SSPC-SPI.
- A wet abrasion using Solvalux 5-30 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 – GALVANISED STEEL

- Ensure that only 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

**PRODUCT USE
RESTRICTIONS**

- This Product is sensitive to moisture, rain and dew and therefore recommended to be top coated within the same day after 2 hours drying.
- Do not over apply this product (not more than 15 dft). If the recommended film thicknesses are exceeded, poor adhesion may result.
- This product does not have good opacity. Do not try to obliterate the substrate.
- Do not apply after the pot life has expired.
- Dry heat resistance up to 70°C
- Contact Berger Representative for suggesting suitable paint system

**SAFETY
PRECAUTIONS**

- 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 vapor 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.