

Technical Data Sheet

- Primer
- Solvent Free
- Excellent Adhesion
- Easy to apply
- Excellent wetting and paint over time

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Aquaprime PU Metal

One Part, Polyurethane Primer

Description

Aquaprime PU Metal Primer is a one part, 100% solids, polyurethane based primer specifically designed to enhance the adhesion of Polyurethane membranes, such as Pasco Aquaproof 110 and Aquaproof 115 to non-porous substrates.

Aquaprime PU Metal Primer has a low viscosity and balance curing speed which results in excellent wetting, impregnation and paint-over time.

Aquaprime PU Metal Primer cures with outstanding mechanical properties. It has an elongation of 400% and a tensile strength of greater than 20N/mm².

Aquaprime PU Metal Primer is applied with a brush or roller.

Features/Benefits

- One component
- Excellent adhesion
- Low Viscosity
- Flexible
- Excellent wetting and paint-over time.
- Solvent Free
- Easy to apply

Uses

- Primer for liquid polyurethane membranes
- Metal surfaces
- Ceramic Tiles
- Glass
- Slightly porous marble

APPLICATION INSTRUCTIONS

Substrate preparation

- All surfaces must be clean, sound and free from dust, oil, rust, cement droppings, protrusions, old sealant or any other contamination. Surfaces must also be free from form release and curing agents.
- Rusted metal surfaces must be wire brushed or sandblasted and treated with an appropriate rust converter.

Application

1. Apply a coat of **Aquaprime PU Metal Primer** to the entire area that needs to be waterproofed using a brush or roller and allow to cure.
2. Allow 24hrs drying time prior to applying the waterproofing.

Note: If required **Aquaprime PU Metal Primer** can be diluted by 5% with Pasco Xylene to aid the spread rate

Aquaprime PU Metal

Precautions

- Do not apply product if temperature is in excess of 35°C or less than 5°C.
- Do not apply if relative humidity is above 85%.
- Ensure product is fully cured prior to membrane application.
- Do not apply product if rain is imminent.

Coverage

- 100-500ml² depending on substrate porosity

Curing

- Dry in 10-15 minutes

Clean Up

Clean tools and equipment first with a clean cloth and then using Pasco Xylene. Cured material may be removed by mechanical means.

Packaging

Aquaprime PU Metal Primer is available in:

- 1 Litre

Shelf Life

12 months minimum, when stored in cool, dry, original containers in conditions below 25°C.

Health and Safety

Keep out of reach of children. Wear suitable protective clothing, gloves and eye/face protection. Uncured product may cause skin, eye and respiratory system irritation. Use only in well ventilated areas.

In case of contact with eyes, rinse immediately with plenty of water and contact a Doctor or Poisons Information Centre (**Ph 13 11 26**). In case of skin contact, wash affected area with hand cleaner followed by soap and water.

Material Safety Data Sheets must be read and understood prior to using the product.

Pasco Construction Solutions Pty Ltd warrants its' products to be free of defects and faulty manufacture and are sold subject to its standard terms and conditions of sale, which are available upon request. All endeavors have been made to ensure the information provided in this technical data sheet is accurate and correct, however as the use of this material is beyond the supplier's control, liability is limited to replacement of material proven faulty. It is the responsibility of the purchaser to ensure that the product is suitable for the specific application and that it is applied in accordance with the suppliers recommendations.

Property	Units	Test Method	Result
Viscosity (Brookfield)	cP	ASTM D2196-86 @ 25C	600
Specific weight	gr/cm ³	ASTM D1475 DIN53217 ISO 2811 @20°C	1.2
Tensile Strength at break @ 23°C	Kg/cm ² (N/mm ²)	ASTM D412 / DIN 52455	350 (35)
Elongation @ 23 °C	%	ASTM D412 / DIN 52455	>400
Touch Dry	Hrs	-	12
Membrane Application	Hrs	-	24 – 48
Adhesion of Aquaproof 110 / 115	mPa	ASTM D1640	>5