

Aquathane Primer PU

Single component solvent based polyurethane primer



Description

Aquathane Primer PU is a low viscosity single component solvent based moisture cure polyurethane primer especially formulated to significantly enhance the adhesion of Aquathane Range of waterproofing membrane with the most common construction substrates.

Applications

Aquathane Primer PU is used to enhance the bond between Aquathane Range of products and the substrates in the following applications:

- ▲ High porous substrate such as normal grade concrete and red bricks.
- ▲ Impervious substrates such as aluminum, steel and glass.

Advantages

- ▲ Significantly improves the adhesion of Aquathane Range over several construction substrates such as concrete, galvanized steel, aluminum and glass.
- ▲ Increases the service life of the waterproofing system.
- ▲ Easy to use, single component product that does not need mixing.
- ▲ Economical solution in waterproofing systems.

Method of Use

Surface Preparation

The substrate should be sound, clean and free from contaminations. Surface laitance should be removed by light scrubbing or grit blasting.

Application

Stir the product well before use, Aquathane Primer PU can be applied by a brush or roller. One or two successive coats of Aquathane Primer PU should be applied at a rate of 5 - 10 m²/ litre depending on the porosity of the substrate and left to dry before being overcoated with Aquathane Range of waterproofing membranes.

Technical Properties:

Colour:	Clear brownish
Density:	0.98 ± 0.02 g/cm ³
Volume solid:	40 ± 5%
Minimum overcoating time:	4 hr
Maximum overcoating time:	24 hr
Application temperature:	10 to 35°C

Care must be taken in the application of the material according to the coverage rate, as different thicknesses might adversely affect the adhesion and durability.

Note:

Aquathane Primer PU is not recommended for application over highly humid substrate (i.e. substrates with RH greater than 80%). Under such circumstances, it is recommended to use Aquathane Primer W. Consult DCP's Technical Department for further information.

Cleaning

All tools should be cleaned immediately with paper towels after finishing and then wiped using DCP Solvent PU.

Packaging

Aquathane Primer PU is available in 1 litre, 4 litre and 15 litre packs.

Coverage

Aquathane Primer PU should be applied in one coat or two successive coats at a rate of 5 - 10 m²/ltr depending on the substrate porosity to achieve a dry film thickness of 40 - 80 microns per layer.

Aquathane Primer PU

Storage

Aquathane Primer PU has a shelf life of 9 months from the date of manufacturing if stored at temperatures between 5 and 25°C in its original unopened package.

If these conditions are exceeded, DCP Technical Department should be contacted for advice.

Cautions

Health and Safety

Apply in well ventilated areas. Do not smoke. Do not apply near naked flames. In closed areas use force ventilation and carbon active masks. Keep in mind that solvents are heavier than air so vapour concentration is higher in air closer to floor.

For further information refer to the Material Safety Data Sheet.

Fire

Aquathane Primer PU and DCP Solvent PU are flammable materials.

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- ▲ Concrete admixtures.
- ▲ Surface treatments
- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
- ▲ Protective coatings.
- ▲ Sealants.
- ▲ Waterproofing.
- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.

Note:

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