

Flexprime Universal

Single component solvent based polyurethane primer (Formerly known as Flexprime PU)



DESCRIPTION

Flexprime Universal is a low viscosity single component solvent based moisture cure polyurethane primer especially formulated to significantly enhance the adhesion of polyurethane and polysulphide sealants with the most common porous and nonporous construction substrates.

APPLICATIONS

Flexprime Universal is used to enhance the bond between polyurethane and polysulphide sealants and the substrates in the following applications:

- » High porous substrate such as normal grade concrete, mortar and red bricks.
- » Impervious substrates such as aluminum, steel and glass.
- » Rubber surfaces.

ADVANTAGES

- » Significantly improves the adhesion of polyurethane and polysulphide sealants over several construction substrates such as concrete, galvanized steel, aluminum and glass.
- » Increases the service life of the sealing system.
- » Easy to use, single component product that does not need mixing.

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, Flexprime Universal can be applied by a brush or roller. One or two successive coats of Flexprime Universal should be applied at a rate of 5 - 10 m²/ litre depending on the porosity of the substrate.

Flexprime Universal should be overcoated with the sealant within the overcoating time to achieve optimum adhesion strength. 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: Flexprime Universal is not recommended for application over highly humid substrate (i.e. substrates with RH greater than 80%). Consult DCP's Technical Department for further information.

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

CLEANING

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

PACKAGING

Flexprime Universal is available in 1 litre, 4 litre and 15 litre packs.

COVERAGE

Flexprime Universal 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.

STORAGE

Flexprime Universal 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.



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CAUTIONS

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

Flexprime Universal and DCP Solvent PU are flammable materials.

MORE FROM DON CONSTRUCTION PRODUCTS

A wide range of construction chemical products are manufactured by DCP which include:

- » 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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