

Flexprime WD

Water based epoxy primer for asphalt substrates



DESCRIPTION

Flexprime WD is a high performance two-component, water based, epoxy resin primer, designed to improve the adhesion between polyurethane and polysulfide sealants with the most common porous and nonporous construction substrates such as concrete, asphalt.

APPLICATIONS

Flexprime WD is used as primer for Flexseal range of polyurethane and polysulfide sealants, suitable for absorbent and non-absorbent surfaces such as concrete, asphalt, and other substrates.

ADVANTAGES

- » Water based, moisture tolerant.
- » Solvent free, non tainting.
- » Improves adhesion strength.
- » Increases the service life of the sealing system.
- » Cost effective.
- » Good chemical and mechanical resistance.
- » Easy application.

METHOD OF USE

SUBSTRATE PREPARATION

The substrate must be clean, dry, even, dense and free from oil, grease, dust and other contaminants. A clean surface will ensure maximum adhesion between the substrate and the sealant.

MIXING

To avoid inconsistent workability and pot life, ensure that the materials to be used are stored in shaded area and protected from extremes of temperatures, for at least 24 hours prior to application.

Prior to mixing, stir individual components of base and hardener. Add the entire contents of the base container to the hardener and mix thoroughly for at least 3 minutes using a mechanically powered mixer or drill fitted with suitable paddle at low speeds (300 rpm).

TECHNICAL PROPERTIES @ 25°C:

Colour:	Milky white
Mixed density:	1.25 ± 0.10 g/cm ³
Pot life:	2 hr
Minimum overcoating time with sealant:	20 min
Maximum overcoating time with sealant:	24 hr
VOC:	< 30 g/ltr (comply with LEED)

APPLICATION

Use brush or lambs wool roller to apply the mixed Flexprime WD onto the prepared surfaces.

One or two successive coats of Flexprime WD should be applied at a rate of 3 - 6 m²/ kg depending on the porosity of the substrate. The second coat may be applied as soon as the first coat has initially dried.

Flexprime WD should be overcoated with the sealant once it is tack free and set while not exceeding 24 hours from applying the primer to achieve optimum adhesion strength. Overcoating time will depend on the substrate and the ambient conditions.

REMARKS

- » Flexprime WD should not be applied at temperatures below 10°C or where ambient relative humidity exceeds 85%.
- » Flexprime WD should not be applied onto surfaces known to suffer from rising damp.

CLEANING

Tools and equipment can be cleaned with clean water while wet. Dried Flexprime WD can be removed with DCP Solvent.





Flexprime WD

PACKAGING

Flexprime WD is available in 5 and 20 kg packs.

COVERAGE

The coverage rate is 15 - 30 m²/5 kg pack per coat depending on the substrate porosity to achieve dry film thickness of 65 - 130 microns per coat.

Multi-layers can be applied over highly porous substrates, the second layer can be applied as soon as the first coat has initially dried and at a right angle to the first layer.

STORAGE

Store in a dry area out of direct sunlight at temperatures between 5°C and 35°C.

SHELF LIFE

Flexprime WD has a shelf life of 12 months from date of manufacture if stored in proper conditions and unopened packs.

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

CAUTIONS

HEALTH AND SAFETY

Flexprime WD should not come in contact with skin and eyes.

In case of accidental splashes to the eyes, rinse thoroughly with clean water and seek medical advice. Suitable protective gloves and goggles should be worn. Do not use solvent to clean Flexprime WD from skin.

For further information refer to the Material Safety Data Sheet.

FIRE

Flexprime WD is water based and nonflammable.

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:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.