

Epoxy based primer for steel surfaces

Uses

Suitable for priming steel surfaces prior to the application of any of the Fosroc range of epoxy flooring products and protective coatings.

Advantages

- Improves the bond of epoxy toppings with steel surfaces.
- Protects steel surfaces from corrosion.

Description

Nitoprime 28 is a two component epoxy based primer with good adhesion properties.

Technical Support

Fosroc provides a countrywide technical advisory service supported by a team of specialists in the field.

Properties

Pot life - 90 mins. at 30° C

Maximum primer overcoating time - 24 hours at 30°C

Temperature limitations

Recommended application range is 10°C to 40°C. Consult your local Fosroc office where application or service is outside the above range.

Application instructions

Surface preparation

Thorough surface preparation is vital. Fosroc recommends mechanical surface preparation techniques (For example, mechanical scarifying, grit-blasting, sand-blasting or wire brushing).

Steel surfaces

All rust, mill scale and other surface impurities should be removed prior to priming with Nitoprime 28.

Mixing

Add the entire contents of the hardener tin to the base tin and mix thoroughly until homogenous, using a slow speed drill (400 - 500 rpm) fitted with a suitable mixing paddle.

Application

Once mixed, immediately apply the primer in a thin continuous film to the clean prepared surface. In case of concrete, work the primer into the surface using stiff brush. Avoid over application and puddling.

Proper application of primer as a continuous film on steel surfaces will help in good adhesion of the top coat and preventing corrosion or chemical attack of the substrate.

Estimating

Packaging & Coverage

	Pack size	Approx. Coverage rate/coat
Nitoprime 28	2.5 kg	15 sq.m
	5 kg	30 sq.m

Shelf life

12 months if stored in a dry place under 35 deg.C in unopened original containers.

Precautions

Health & Safety instructions

Avoid Nitoprime 28 contact with skin and eyes. Avoid prolonged inhalation of solvent vapours.

Some people are sensitive to epoxy resin, hardeners and solvents. Gloves, goggles and barrier creams should therefore be used. Ensure adequate ventilation and if working in enclosed areas, suitable breathing apparatus must be used.

If resin comes in to contact with skin, it must be removed before it hardens, with a resin removing cream, followed by washing with soap and water - Do not use solvent.

Nitoflor Sol should be washed from skin immediately with soap and water. Should accidental eye contamination occur with any of the above products, wash well with plenty of clean water and seek medical advice. If swallowed seek medical attention immediately - Do not induce vomiting.

Nitoprime® 28

Important note :

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Fosroc endeavours to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it.



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