Fosroc®
Nitoprime® 320PU

constructive solutions

Primer for Fosroc Polyurea systems

Uses

Nitoprime 320PU is used to prime prepared concrete prior to the installation of:

- Fosroc Polyurea WHE110
- Fosroc Polyurea WPE110

Nitoprime 320PU can also be used as an alternative primer for Fosroc Nitoproof 750 waterproofing membrane.

Advantages

- Fast drying - enables work to progress
- Single component - no mixing required

Description

Nitoprime 320PU is a diisocyanato diphenylmethane (MDI) prepolymer, for use as a single component primer with Fosroc Polyurea systems. The product has been tinted red for easy control of application thickness..

Properties

Appearance:	Clear Red liquid
Specific gravity:	1.15
Viscosity mPa s:	50 to 150
Isocyanate (NCO) Value % by wt. NCO groups (group wt. = 42):	24.0
Cure time (touch dry):	30 mins @ 23°C

Application Instructions

Preparation

All surfaces must be prepared in accordance with the relevant Fosroc Polyurea WHE110 or WPE110 data sheet.

Application

After preparation, the substrate shall be primed with Nitoprime 320PU.

For concrete, suggested application rate is 150g per m^2.

Broadcast of fire-dried sand is recommended for optimum adhesion properties.

The primer shall be allowed to become tack free prior to application of Fosroc Polyurea WHE110 or WPE110

Refer to the relevant Fosroc Polyurea Method Statement for further details.

Cleaning

All tools and equipment should be cleaned immediately after use with Fosroc Solvent 10. Spillages should be absorbed with sand or sawdust and disposed in accordance with local regulations.

Supply

Nitoprime 320PU 20kg:	FC007092-20KG

Coverage

Approx. 6.5m^2 / kg (150g / m^2), depending on concrete porosity.

Storage

Nitoprime 320PU has a shelf life of 18 months from date of manufacture.

Storage conditions

Containers of this product should be kept properly closed and stored indoors in a well-ventilated area under normally factory conditions, at temperatures of 20-30°C.

Storage at temperatures above 50°C is not recommended since this can accelerate the formation of insoluble solids and it also increases the rate of viscosity increase on extended storage.

Preferably full drums of material should be used to avoid part filled drums being contaminated with moist air or water. If contact with moist air or water occurs, the drums should not be resealed. Reaction with water leads to gas evolution, with possible pressure build-up.

Partially used containers should be purged with dry nitrogen to prolong storage stability. Preferably part-used containers should be filled into smaller containers to their maximum volume and purged with dry nitrogen for maximum storage stability.

Important notice

A Safety Data Sheet (SDS) is available from the Fosroc website. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

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