



New Guard Coatings Group

A global reputation to protect.

The information herewith is given with the best of New Guard Coatings Group knowledge.

Rights are reserved to change and update the data without notice.

This information is not exhaustive and it is the user's responsibility to ensure that this data sheet is the most current by contacting their local New Guard Coatings Group branch prior to using the coating/product.

www.newguardcoatings.com

NORTH • SOUTH EAST • MIDLANDS • NORTH WEST • HULL • SCOTLAND

Fosroc® Nitoprime 33

constructive solutions

Primer for Cemtop Range of cementitious floor levelling compounds.

Use

Nitoprime 33 is the recommended primer for the Cemtop range of cementitious self-levelling floor toppings applied to concrete and cementitious substrates. The primer seals the substrate preventing the release of air by the concrete that could form bubbles in the flooring compound. In addition, it “wets” the substrate, improves adhesion between the substrate and the flooring compound and prevents the Cemtop drying out.

Advantages

- Excellent adhesion to concrete and cementitious substrates.
- Excellent water resistance by the formation of a film.
- Economical, easy to use without limited pot life.

Description

Nitoprime 33 is a water-based emulsion of styrene-acrylic copolymers formulated to achieve specific characteristics. It is supplied as a single component white liquid.

For most applications, both industrial and commercial, two layers of primer are recommended. If the substrate is extremely porous, a third layer may be required.

Properties

The following results were obtained at a temperature of 20°C.

| Testing method | Typical result |
|----------------------------------|----------------|
| Specific Gravity: | 1.02 |
| Drying time: | 2-4 hours |
| Minimum application temperature: | 10°C |

Application

Cemtop

The Cemtop application is a specialized activity. It requires the use of an approved applicator, who is knowledgeable about the product and who uses equipment approved by Fosroc. Before carrying out the application, the product data sheet should be read carefully, explaining in detail the procedure for priming and subsequent application of the Cemtop.

Nitoprime 33

The first application will be made when the concrete substrate has been properly prepared and cleaned. Nitoprime 33 is diluted 1: 5 (primer: water by volume). Apply with a brush, roller, squeegee or by spraying.

The second coat is applied with the primer diluted 1: 3 when the first coat is dry. If the substrate is excessively porous, it may be necessary to prime it a third time with the primer diluted at a ratio of 1: 3. Puddling should be avoided because this may impair adhesion.

During application, the area should be well ventilated to accelerate drying of the primer. Application of Cemtop can be carried out as soon as the primer is dried.

Cleaning

All tools and equipment should be cleaned with water immediately after use. If the material has hardened, it should be mechanically cleaned, or with a solution of Fosroc Acid Etch

Limitations

Nitoprime 33 is suitable for use on sound concrete and cementitious substrates which are free of contamination and have been suitably prepared. It should not be used on concrete contaminated with oil or having previous paint residue. Nitoprime 33 and Cemtop should not be applied if the surface or substrate temperature is below 10°C or the ambient temperature during application is below 10°C within 48 hours thereafter.

Estimation

Packing

| | |
|---------------|-----------|
| Nitoprime 33: | 25 litres |
|---------------|-----------|

Performance

| |
|--|
| Nitoprime 33: |
| 5 m ² / litre of concentrate for 2 coats of primer. |
| 4 m ² / litre concentrate for 3 coats of primer |
| 3 m ² / litre concentrate for 4 coats of primer |

Performance figures are approximate. Actual yield will depend on the absorption and roughness of the substrate surface.

Storage

Nitoprime 33 has a maximum storage period of 12 months in a dry place and in its original and closed containers. If stored at high temperature and high humidity this time can be reduced. Protect from frost and extreme heat.

Precautions

Safety and hygiene

Nitoprime 33 should not be allowed to come in contact with skin or eyes or be ingested. Wear suitable protective clothing, gloves and goggles. In case of contact with the skin immediately remove with water and soap. Do not use solvent. In case of contact with eyes, rinse with plenty of water and seek medical advice. If swallowed, seek medical advice immediately. Do not induce vomiting.

Fire

Nitoprime 33 is not flammable.

For more information, consult the Material Safety Data Sheet.

Fosroc® Nitoprime 33



Fosroc Limited

Drayton Manor Business Park
Coleshill Road, Tamworth,
Staffordshire B78 3XN. UK

www.fosroc.com

Important note

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Services, copies of which may be obtained on request. Whilst Fosroc endeavours to ensure that any advice, recommendation, specification of 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 of information given by it.

telephone:
+44 0 (1827) 262222

fax:
+44 0 (1827) 262444

email:
enquiryuk@fosroc.com

