

Decorative waterproofing treatment for roofing

Uses

Nitoproof RS is a brush applied decorative treatment for old or new roofs of most normal roofing materials, including concrete, asbestos cement, corrugated roof, felt, timber etc. but excluding bitumens.

Nitoproof RS is very durable, but at the same time is very flexible so that when 'sandwiched' with Fosroc Scrim 2250, it will provide a complete roof protection.

Advantages

- Excellent opacity
- Single component
- Solvent free / Water based
- Decorative waterproofing coating.
- Simple to apply by brush.
- Economical
- Excellent adhesion to metal and concrete
- Bridges cracks

Description

Nitoproof RS is single component, water based acrylic copolymer thus providing prolonged durability and excellent weather resistance and its latex properties completely resist ozonolysis and other oxidative degradation.

Colours incorporated are oxide pigments, thereby fully resistant to ultra violet light with no deterioration even in tropical conditions.

Nitoproof RS is also very useful for complete waterproofing with decorative finish on corroded corrugated metal sheets.

Technical Support

Fosroc offers a comprehensive range of high performance high quality, construction products. In addition to a wide range of quality products, Fosroc offers a technical support package to specifiers and contractors which includes assistance with product selection and technical

advice from staff with unrivalled experience in the industry.

Application

Base screed to fall

Surface to receive Nitoproof RS should have a gradient of 1:120 minimum. This is an essential requirement especially on surfaces which are found to be ponded with water after rain. A base screed is recommended.

Surface preparation

The surface shall be cleaned and free from dust, dirt, grease, moss and loose material.

All concrete surfaces should be generally sound and clean. Small cracks and joints should be cleaned and filled with Nitoproof RS separately, allowing to dry.

Larger cracks should be chased out to at least 10 mm wide and repaired with Fosroc joint sealing compounds.

Nitoproof RS should not be applied directly over building movement joints or large cracks. Consult Fosroc technical department for suitable details in these areas.

Priming

The clean surface shall be primed by mixture of Nitoproof RS with clean water at a ratio of 1:1 and spread at the rate of 6 m²/litre. Allow priming coat to dry.

The primed surface shall be overcoated with the first neat coat of Nitoproof RS at spread of 3 m²/litre.

Whilst first neat coat is still tacky, sprinkle Fosroc Anti-Slip Grain No. 2 on top of it and allow to dry.

After the first neat coat had dried, apply a second neat coat of Nitoproof RS at spread rate of 3 m²/litre and allow to dry.

The priming coat shall be extended at least 240 mm up to all parapet walls. Whilst first neat coat is still tacky, embed Fosroc Scrim 2250 on top of it and allow to dry.

To enhance durability and overall appearance, an additional third neat coat of Nitoproof RS at spread of 3 m²/litre is highly recommended.

Nitoproof RS

(Formerly known as Nitoproof RS200)

Important note

Once Nitoproof RS has hardened it is then immune to weathering and dampness. First coat may be diluted slightly with water to ease the first application. This also applies if Nitoproof RS thickens on standing.

Nitoproof RS is very effective when 'sandwiched' with fibre glass to repair leaky gutters, down spouts, etc. to bridge cracks, corrosion etc. providing the damage is not too extensive. Consult Fosroc technical department for specific advice.

Estimating

Supply

Nitoproof RS	:	20 litre pail
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Standard Colours:	Pure white and Grey
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Coverage

Nitoproof RS	3.0m ² /litre per coat
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Precautions

Hot Climates

Storage must be carefully controlled as all-latex systems may coagulate (solidify with long periods of storage) in high temperatures. Store in shade under warehouse conditions and keep away from sources of heats.

Additional information

Fosroc also offers various types of waterproofing systems, which include self-adhesive and torched-on membranes, cementitious coatings liquid applied coatings and rubberised bituminous emulsions etc. Contact your local Fosroc representative for further details.



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Important note

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