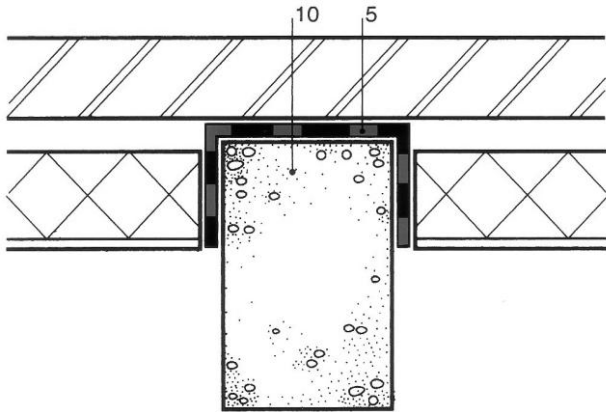


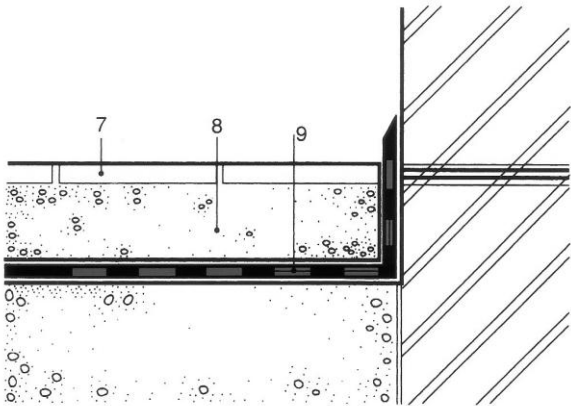


# Nitoproof 30

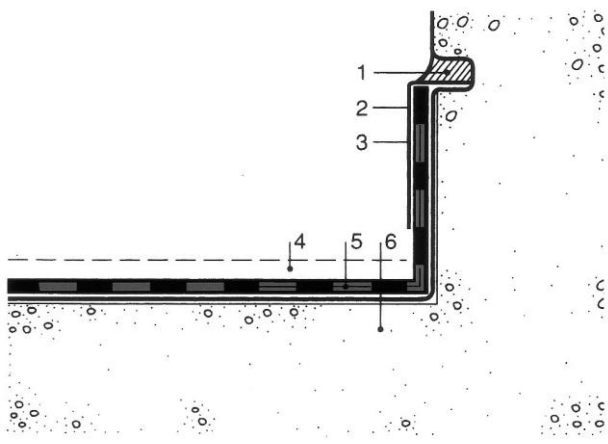
Example of a structural separation joint is shown below.



Example of remedial roof treatment is shown below.



Example of damp proof membrane under floor screed is shown below.



1. Plastijoint
2. Flashing
3. Nitoproof 30 saturated glass fibre reinforcement
4. Sharp sand blinding

5. Nitoproof 30
6. Existing roof
7. Wood block
8. Screed
9. Nitoproof 30 with bitumen saturated glass fibre reinforcement covering junction between sub-floor and wall
10. Reinforced concrete column

## Properties

|                         |   |  |
|-------------------------|---|--|
| Product                 | : | Nitoproof 30   |
| Colour                  | : | Black  |
| Form                    | : | Thixotropic liquid   |
| Storage Life            | : | 6 months   |
| Solids content          | : | 60%  |
| Density                 | : | 1.00 kg / litre  |
| Application temperature | : | 5 to 50°C  |
| Drying time             | : | 4 to 6 hours. 2 - 6 hours should be left between coatings. |

## Application instructions

### Preparation

Surfaces must be clean and free from dust, dirt, oil, grease, moss and loose material. Nitoproof 30 may be used on damp surfaces but there must be no standing water.

Nitoproof 30 may also be used on uncured concrete. Metal and timber surfaces should be primed with a coat of Fosroc Bituminous Primer i.e. 1 part Nitoproof 30 to 1 part clean water.

### Application

Nitoproof 30 may be applied by brush, squeegee or airless spray. Where required Nitoproof 30 may be reinforced by a bedding layer of bitumen-saturated geotextile fabric, such as Margalss 250 or Scrim 2250, into the first full coat, prior to application of subsequent coats. When used as a sandwich damp course to ground slabs, the final coat should be blinded with clean sharp sand passing through a 3 mm sieve to provide a key for the second concrete pour. Limestone should not be used.

# Nitoproof 30

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When used as a low cost roof treatment, the final coat should be protected from sunlight with solar tiles bedded in the wet final coat or by blinding with clean sharp sand as described above. If required, the treated surface may be painted for maximum heat reflection with cement or vinyl based emulsion paint.

Nitoproof 30 is water based and remains soluble until thoroughly dry. It is therefore important that it should not be applied during rain or when rain is expected. When used a waterproofing system for RC flat roofs Nitoproof 30 can be applied by brush, squeegee or spray. It must be thoroughly stirred before use.

For efficient waterproofing, a minimum of one priming and three full coats with fiberglass must be used.

Porous surfaces such as concrete or asbestos cement must first be treated with a coat made up of a solution of Nitoproof 30 and clean cold water mixed in equal parts. Metal and timber surfaces must be primed with a coat of Fosroc Bituminous Primer before applying Nitoproof 30. For horizontal surfaces, a squeegee or a cheap, soft bristle broom is satisfactory. For vertical surfaces, use a cheap turks head brush.

Nitoproof 30 should be laid on the surface using the brush in one direction, and not brushed out. During a break in work or when it is completed, the brush should be cleaned in a strong detergent solution and then in running water.

Brushes should be of an inexpensive type and considered as expendable. Paint brushes are not suitable. On larger jobs, it is preferable to maintain several brushes in use.

If paint is applied direct to the Nitoproof 30 membrane, severe crazing and cracking of the paint film will occur; although this is not serious, it spoils the appearance of the roof when seen from above. It is preferable to blind the final coat with chippings and, when dry, surface can be painted

with cementitious or PVA paint.

No solvent based materials should be used as the solvent will soften the bitumen in Nitoproof 30.

## Cleaning

A proprietary hand cleaner such as "Swarfega" may be used for removing Nitoproof 30 from the hands.

## Thinning

Nitoproof 30 is supplied ready for use. If however, after thorough agitation the compound appears unduly thick it can be thinned with not more than 0.25 litre of clean water per 5 litres of Nitoproof 30.

## Estimating

### Supply

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|              |                        |
|--------------|------------------------|
| Nitoproof 30 | 20 and 200 litre drums |
|--------------|------------------------|

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### Coverage

Neat Coat

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|                |                                   |
|----------------|-----------------------------------|
| Nitoproof 30 : | 1.2 to 1.8 m <sup>2</sup> / litre |
|----------------|-----------------------------------|

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|                |                                   |
|----------------|-----------------------------------|
| Priming Coat : | 2.4 to 2.8 m <sup>2</sup> / litre |
|----------------|-----------------------------------|

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|                |                                 |
|----------------|---------------------------------|
| Primer No. 3 : | 12 to 15 m <sup>2</sup> / litre |
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## Precautions

### Health and safety

Nitoproof 30 contains bituminous material. Possible risk of irreversible effects in contact with skin. Wear suitable protective clothing, gloves and eye/face protection. Should accidental skin contact occur, remove immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately - do not induce vomiting.

### Fire

Nitoproof 30 are not flammable.

#### 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.

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