

Damp-proof cum Decorative coating

Uses

It is a damp-proof cum Decorative coating for exterior/ interior concrete and masonry substrates. It offers special protection against dampness and water ingress.

Advantages

- Protects exposed reinforced concrete structures from water ingress
- UV resistant - coating provides good resistance to long term weathering.
- Single pack - Ease of application, can be applied with brush or roller.

Description

Nitocote Decoflex coating is a single component Damp-proof cum Decorative coating Nitocote Decoflex coating is formulated to withstand water ingress and dampness in concrete and plastered surfaces. It is an elastic membrane forming material and can bridge hairline and shrinkage cracks which appear on the surface of the concrete.

Technical support

The company provides a technical advisory service supported by a team of specialists in the field.

Properties

Colour	White (color stainer can be added)
Consistency	Smooth pasty liquid
Application	By brush or roller
Full cure	72 hrs.
Theoretical coverage	5m ² /kg.
Water absorption	Nil
Salt spray test	Passes when tested as per ASTM B117

Specification clauses

The coating shall comprise of Nitocote Decoflex coating, a single component Damp-proof cum Decorative coating. The permeability shall be Nil when tested at 24 hrs.

Application instructions

Preparation

All surface should be dry and free from contamination such as oil, grease, loose particles, decayed matter, moss, algae growth, laitance, and all traces of mould release oils and curing compounds. This is best achieved by preparing the surface manually using emery paper. Where moss, algae or similar growths have occurred, treatment with a proprietary biocide should be carried out after manual preparation.

Where application over existing sound coatings is required, trials should be conducted to ensure compatibility and retention of the bond between the underlying coating and the substrate. For further advice, consult Fosroc.

Note - Priming may be required in places where substrate has already been coated with distemper. Surface containing blow holes should be first filled with a suitable filler.

Application

In order to obtain the best results from Nitocote Decoflex Damp-proof cum Decorative coating, it is important that the correct rates of application and over coating time are observed.

Type of application - By brush or roller

**Number of coat(s)
(normal recommendation)** - 2 coats

Theoretical

Application rate - 5 m²/kg
Touch dry - 20-30 min @ 20°C
 10-15 min @ 30°C

Over coating time - 30 min. @ 20°C

Application should not be done if the temperature of the substrate is below 10°C.

The coating can be applied in two or more coats to achieve the correct protective properties, Nitocote Decoflex coating must be applied on to the substrate at the coverage rates recommended. In case of coat areas, Nitocote Decoflex coating should be applied after a priming the surface with Nitocote Decoflex primer.

The material should be stirred thoroughly before use. The first coat should be applied to all areas by use of suitable brushes or rollers to achieve an uniform coating. The coating should be allowed to dry before continuing with the next coat as recommended.

Nitocote® Decoflex

Cleaning

All tools and equipment may be cleaned with plain water immediately after use.

Limitations

Nitocote Decoflex coating is formulated for application to clean, sound concrete or masonry. Where application over existing sound coating or paints is required, trials should be conducted to ensure compatibility and retention of the bond between the underlying coatings or paints. Compatibility and soundness should be assessed on a trial area. For further advice, consult Fosroc.

Estimating

Packaging & coverage

Nitocote Decoflex coating is available in 1 kg. pack.

Coverage

1 kg. of Nitocote Decoflex coating covers 5 m². The coverage figures given are theoretical. Due to wastage factors and the variety and nature of possible substrates, practical coverage figures may be reduced.

Storage

Shelf life

Nitocote Decoflex coating has a shelf life of 12 months if kept in a dry store in the original, unopened packs. If stored at high temperatures and/or high humidity conditions the shelf life may be reduced.

Precautions

Health & Safety

Nitocote Decoflex coating should not come in contact with the eyes or be swallowed. Since Nitocote Decoflex coating is a water based product, it is non hazardous, non flammable and non toxic in nature.

Fire

Non flammable.

Additional information

Fosroc manufactures a wide range of products specifically designed for repair and refurbishment of damaged reinforced concrete. This includes hand-placed and spray grade repair mortars, fluid micro - concretes, chemical resistant epoxy mortars and a comprehensive package of protective coatings. In addition, a wide range of complementary products is available. This includes joint sealants, water proofing membranes, grouting, anchoring and specialised flooring materials.

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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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