



BITUMINOUS COATS

NILOCOAT R

Rubberized Damp-Proofing Coating & Adhesive

DESCRIPTION

NILOCOAT R is a rubberized bitumen damp-proofing coating /adhesive, specially formulated to provide high resistance to the passage of water vapor, and is highly resistant to re-emulsification when in long term contact with water.

NILOCOAT R bonds strongly to most substrates.

USES

- Damp-proofing of structural footings and below grade walls.
 - General damp-proofing applications & as a vapor barrier.
 - NILOCOAT R bonds extremely well to a wide variety of substrates including concrete, brick, bitumen & mastic asphalt membranes, slates, tiles, etc.
- Thus it is used as an adhesive to bond construction materials such as wood block, compatible insulation, tiles,..etc..

MAJOR FEATURES

- Excellent damp-proofing characteristics.
- Superb adhesion
- Excellent movement capability.
- Solvent free - environment friendly.
- No re-emulsification in water.

INSTALLATION

PREPARATION:

- Thoroughly clean all surfaces to be coated with NILOCOAT R.
- Repair damaged or cracked substrate.
- Prepare porous surfaces by priming with NILOCOAT R diluted 1:1 with water.
- Allow primed surface to dry before application of coating.
- Stir well prior to application of coats.

APPLICATION:

- General damp-proofing & vapor barrier.
As a general Damp-proofing for vertical and horizontal application.
 - Prepare surface as indicated earlier.
 - Apply in two coats. The first at the rate of 0.6- 0.8 Kg/ m2. (depending on substrate condition) Allow to dry before applying the second coat which should be at right angle to the first, at the same rate.
 - Use only as damp-proof membrane in sandwich construction. (i.e. Apply as above, blinding the wet second coat with clean, sharp sand before applying a minimum of 50mm sand cement screed surface (horizontal Application), or clean sand backfill (vertical application) .
 - If NILOCOAT R is to be left exposed to sunlight for any length of time, the wet second coat must be blinded with clean sharp sand.

When used as a vapor barrier, it is essential that there are no imperfections in the coating. Any small hole will destroy the vapor seal.

2. As an adhesive for insulation & tiles

- Ensure surfaces are clean, smooth, & lightly dampened.
- Allow both surfaced to be bonded with the rubberized coating at 0.6-0.8 Kg/m2 rate
- Allow to become tacky before pressing firmly together. Hold material in place until sufficient adhesive strength is developed.1

Store BITUNIL NILOCOAT R under cover, at temperatures between 5°C and 40°C. Storage must be frost free.

PACKING

15Kg and 200Kg containers.

HEALTH & SAFETY INSTRUCTIONS

As with all chemical products, care should be taken during use and storage.

Avoid contact with mouth, eyes, and skin.

Wear suitable protective clothing, gloves, and eye/ face protection.



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Properties	Test Method	NILOCOAT R
Composition		Rubberized bitumen, water, emulsifying agents
Bitumen modifier	ASTM D 2939	SBR
Specific gravity	ASTM D 2939	1.05 ±0.02
Flammability		No tendency to flash of ignite
Drying time (firm set)		Less than 24 hrs at 80% RH [+5%] @ 27°C [±2°C]
Heat resistance, at 100°C		No flow, sag or blistering
Flexibility at 0°C		No cracking or flaking
Residue by evaporation, %		60 [nominal]
Water vapor transmission (g/m2/24Hrs)		0.8
Water resistance	ASTM D 2939	No blistering or re-emulsification in water
Shelf Life	-	12 Month (in factory sealed container, stored in a shaded ventilated area)

The information given in this Technical Data Sheet is given to the best of our knowledge based on laboratory test and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the product itself.

Distributor:



Nile Waterproofing Material Co. S.A.E

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