

Colourless silicone water repellent

Uses

Nitocote SN522, is used to provide water repellent surface with improved self cleaning properties on exterior building - brick work, concrete, cement rendering, natural or cast stone. Helps in reducing efflorescence due to soluble salts in brickwork.

Advantages

- **Ready to use** : Brush or spray applied direct from container.
- **Versatile**: Equally effective on old or new surfaces.
- **Self-cleaning** : Unaffected by salt-laden atmosphere, reduces unsightly staining.
- **Protects brickwork**: Risk of efflorescence is reduced.
- **Protects concrete**: Reduces causes of cracking and crazing in in-situ or precast concrete
- **Colourless**: Preserves natural colour and texture of created material. Allows surface to breathe.

Standards compliance

Nitocote SN522 complies with BS 6744-92 Class A and Class B as silicone - based water repellent.

For application on brickwork, concrete, cement rendering, nature or cast stone of predominantly siliceous nature, it complies with BS6744-92 Class A.

For application on sand stone, lime stone, calcium silicate, brickwork, natural or cast stone of predominantly calcareous nature, complies with BS6744-92 Class B.

Description

Nitocote SN522 is supplied as a colourless, ready to use, silicone resin solution which can be sprayed or brush applied onto the surface.

Technical Support

Fosroc offers a comprehensive range of high performance, high quality concrete repair and construction products. In addition, Fosroc offers technical support service to specifiers, end users and contractors, as well as on site technical assistance in locations all over the country.

Properties

Water resistance

Repels rain water and inhibits ingress of surface water provided there is no hydrostatic pressure.

Permeability

Permeability is low to water, salt solution, dust and soot particles. Leaching of soluble salts from brick work, which causes efflorescence, absorption of deicing salts by concrete which causes degradation and absorption of atmospheric dirt by brickwork, concrete and stone are all minimised.

Water vapour release

Nitocote SN522 allows building surfaces to breathe naturally.

Application instructions

Preparation

Surfaces should be dry, although slight dampness is not detrimental. Surface to be treated should be free from oil, grease, loose particles, decayed matter and

moss or algae growth. For this, cleaning with Reebaklens is recommended. Joints in brickwork should be sound. If not should be raked and redone with cements/sand mortar using Conplast X421IC waterproofing compound.

Coating

Apply Nitocote SN522 evenly by spraying or brushing. Ensure an even coat over the entire surface. Porous surface should be well saturated with a two coat application.

Decorating

Decorative coatings can be applied to surfaces previously treated with Nitocote SN522. Water based cement or emulsion paints should not be applied on coated areas. They can be applied before coating the surface with Nitocote SN522 coating.

Cleaning

Brushes and equipment should be cleaned with Nitoflor Sol immediately after use.

Nitocote® SN522

Estimating

Packaging and coverage

Nitocote SN522 is available in 1, 5 & 20 litre containers. On brick work and smooth cement renderings, 4.5 - 9 m² per litre can be covered depending upon porosity of the substrate.

Storage

Shelf life

Nitocote SN522 has a shelf life of 12 months if kept in a dry store in its original packing. High temperature and humidity storage may reduce this period.

Precautions

Health & Safety instructions

Contact with skin and eyes shall be avoided. Contamination with skin and eyes should be washed with water. Nitocote SN522 in liquid state is slightly toxic. Should be kept away from children and animals. Prolonged inhalation of the vapour should be avoided and adequate ventilation be ensured.

Fire

Nitocote SN522 is inflammable. Liquid vapour should not be exposed to naked flames. Smoking should be prohibited during application.

Flash point

Nitocote SN522 : 38°C

Note : It is important to reseal containers after use to prevent deterioration of the product or evaporation. Any spillage should be absorbed with sand or saw dust.

Additional information

Fosroc manufactures a wide range of products specially designed for the repair and refurbishment of damaged reinforced concrete. This includes repair mortars, fluid micro concretes, chemical resistant epoxy mortars in addition to comprehensive package of protective coatings. In addition, a wide range of complementary products are available. This includes admixtures, joint sealants, waterproofing membranes, grouts and anchors and specialised flooring materials.

Separate datasheets are available on these products.

® Denotes the trademark of Fosroc International Limited

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.



Fosroc Chemicals (India) Pvt. Ltd.

Head Office

111/3, Hafeeza Chamber II Floor,
K H Road, PBNo. 2744, Bangalore 560027
www.fosroc.com

telephone

++91 80-22240018/120

fax

++91 80-22233474

e-mail

india@fosroc.com

Regional Offices

Bangalore

Shankar House, IV Floor
1 & 18, RMV Extension
Bangalore 560 080
Ph:080-2361 3161/2361 2004
Fax : 080-2361 7454
email: Bangalore@fosroc.com

Mumbai

208/209, Persepolis
Sector 17, Vashi
Navi Mumbai 400 703
Ph:022-2789 6412/14
Fax: 022 - 2789 6413
email:Mumbai@fosroc.com

Delhi

First floor, 1/2 East Patel Nagar
Opp: Vivek Cinema, Main Patel Rd
New Delhi 110 008
Ph:011-25884903/4
Fax: 011- 25884422
email:Delhi@fosroc.com

Kolkata

P-569, Lake Terrace Extn.
First Floor
Kolkata 700 029
Ph: 033 24650917 / 55343188
Fax: 033-24650891
email:Kolkata@fosroc.com

- Ahmedabad : (079) 26762799 ● Ankleshwar : (02646) 220704/224687 ● Bhubaneswar : (0674) 2546415 ● Chennai (044) 24899949/24853383
- Chandigarh : (0172) 2639360 ● Cochin : (0484) 2356668 ● Coimbatore : (0422) 2472966 ● Goa : (0832) 2542465 ● Guwahati (0361) 2548793
- Hyderabad : (040) 27662324/27662425 ● Hubli (0836) 09343402597 ● Indore : (0731) 504339/5061477 ● Jaipur : (0141) 2235349
- Jamshedpur : (0657) 2223848 ● Lucknow : (0522) 2239044 ● Nagercoil 09842134873 ● Visakhapatnam : (0891) 2564850 / 2707607

INDIA/2005/809/F

