

Talrakote® WR

Silicone based transparent water repellent solution



The Construction Alchemists

Description

Talrakote® WR is a ready to use transparent silicone resin liquid which can be applied using brush or by spraying.

Features & Benefits

- Not affected by salt-laden atmosphere, reduces unsightly staining.
- Reduces causes of cracking and crazing in-situ or precast concrete
- Transparent in nature hence preserves natural colour and texture of created material. Allows surface to breathe
- Risk of efflorescence is reduced in brick work
- Exhibits same effect on old and new concrete

Primary Application

Talrakote® WR is used as a protective coating on the surface to make it water repellent with self cleaning properties. It is usually applied on external surfaces such as concrete, brick work, cement rendering and stone surfaces.

Technical properties

Penetration : Talrakote® WR penetrates into concrete for a minimum depth of penetration of 2mm

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 minimized.

Water vapour release : Talrakote® WR allows building surfaces to breathe naturally.

Standards compliance

Talrakote® WR complies with BS 6477-92 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 BS6477-92 Class A. For application on sand stone, lime stone, calcium silicate, brickwork, natural or cast stone of predominantly calcareous nature, complies with BS6477-92 Class B.

Application Instruction

Surface preparation

The surface which has to be applied with Talrakote® WR should be dry and free from oil, grease, loose particles, decayed matter, moss or algae growth. Joints in brick work should be sound. If not, it should be raked and redone with cement/sand mortar using Talrakplast® WP waterproofing compound.

Coatings

Apply Talrakote® WR evenly using a sprayer. Ensure an even coat over the entire surface. Porous surface should be applied with two coats of Talrakote® WR

Decorative Coating

Decorative coatings can be applied to surfaces prior to Talrakote® WR. Water based cement or emulsion paints should not be applied on coated areas. They can be applied before coating the surface with Talrakote® WR coating.

Cleaning

Spray equipment should be cleaned with Talrasol GP immediately after use.

Estimating Packaging

Talrakote® WR is supplied in 1, 5 & 20 litre containers.

Coverage

One liter of Talrakote® WR will cover 4.5 to 9m². This is theoretical coverage, practical coverage shall depend on the porosity of the substrate applied.

Storage

Talrakote® WR has a shelf life of 12 months if kept in dry store in original, unopened containers. If stored at high temperature and/or high humidity conditions the shelf life may be reduced.

Precautions

Health & Safety instructions

Talrakote® WR should not come into contact with skin and eyes or be swallowed. Avoid prolonged inhalation of solvent vapours. Gloves, goggles and barrier creams should therefore be used while handling the product.

Important note :

Talrak 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 Talrak 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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An ISO 9001:2015 Certified Company

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