

TIKI AQUASEAL WR

Clear Silane-Siloxane Based Water Repellent

DESCRIPTION

TIKI AQUASEAL WR is ready to use Silane-Siloxane based clear water repellent coating.

TIKI AQUASEAL WR complies with BS 6477, Class A & B.

Class A:- For application on brickwork, concrete, cement rendering, natural or cast stone of predominantly siliceous nature.

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

TIKI AQUASEAL WR penetrates deep in to the surface and lines surface pores by reacting with the moisture and forming a hydrophobic polysiloxane lining.

USES

It is use to provide water repellent surface with improved self-cleaning properties on exterior of buildings, brick work, facades, concrete, cement rendering, natural stone, pre-cast concrete etc.

It is use to reduce efflorescence in masonry structures.

ADVANTAGES

- Suitable for use on both old and new surfaces.
- Reduces efflorescence due to soluble salts on brickwork and cementitious surfaces.
- Clear coating - preserves natural texture of surface.
- Breathable - allows building surfaces to breathe.
- Repels rain water and inhibits ingress of surface water provided there is no hydrostatic pressure.
- Penetrates deeply in to the surfaces.
- Improves dust pick-up resistance of surface.
- Protects surfaces from discoloration and pollution.
- Imparts concrete high resistance against penetration of waterborne chlorides & sulphates.

PROPERTIES

Property	Values
Appearance	Colourless Clear liquid
Specific Gravity @30°C	0.80 ± 0.02
Solid Content, by Weight	3 to 5 %
Flash Point	>35°C
Coverage (depends on substrate porosity and texture)	4 to 8 m ² /Ltr.
Overcoating Time	Wet-on-Wet application. 2 nd coat applied immediately over the 1 st coat.

APPLICATION METHODOLOGY

SURFACE PREPARATION

Clean the surface using a high-pressure water jet, wire brushing, or any other suitable method. Remove oil, grease and wax contaminants. Cement laitance, loose particles, mould release agents, cured membranes, moss, algae, lichens, loose or flaking paintwork must be removed. Fill surface irregularities and cracks with the appropriate product.

Joints in brickwork should be sound if not, should be raked and redone with cement/sand mortar using **DANOMIC LW** integral waterproofing liquid admixture.

APPLICATION

The contents of the drum should be thoroughly stirred to ensure product is completely homogenized before application.

Prior to application, provide temporary protection to plants, glass surfaces, aluminium windows, etc., by masking against the splashes of **TIKI AQUASEAL WR**. In case of splashes, wipe out the material immediately with solvent.

Prior to application, complete all painting works.

Never apply water based cement or emulsion paints on to the surface coated with **TIKI AQUASEAL WR**.

Apply **TIKI AQUASEAL WR** evenly @ 4 to 8 m²/ltr., by spraying or brushing or roller as a continuous flood coat on to dry surface. Porous surfaces should be saturated by applying two or more coats of **TIKI AQUASEAL WR** (damp on damp application – do not allow 1st coat to dry while applying 2nd coat).

LIMITATIONS

Protect the applied coating from rain during the first 4 hours after application.

Do not use on surfaces in permanent contact with water.

Do not oversaturate the support. It is preferable to apply the coating in thin layers in several coats mainly in low porosity materials.

Trial application should be carried out to ensure compatibility with the substrate.

CLEANING

After application, immediately clean tools and equipment with aromatic solvent.

SUPPLY

TIKI AQUASEAL WR is supplied in 20 Ltr., and 200 Ltr. drums.

STORAGE

TIKI AQUASEAL WR must be stored above 5°C. Store under the shed & protected from extremes of temperature, heat, direct sunlight. Once opened, use as soon as possible. The shelf life is 6 months in sealed unopened container.

TIKI AQUASEAL WR reacts with atmospheric humidity. Avoid prolong contact with air and keep container sealed when not in use.

SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage of **TIKI AQUASEAL WR**. It is non-flammable. Avoid contact with skin, eyes mouth and food. Use in well ventilated areas and avoid inhalation. For further detail, refer to Material Safety Data Sheet.

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