



KISCOTE SS

Silane-Siloxane Based Impregnator

DESCRIPTION

KISCOTE SS is low viscosity, silane siloxane system which serve as high-quality general-purpose water repellents. It impregnates deeply into porous substrates to allow for bonded hydrophobic lining to the pores. A non-water-soluble barrier is formed thus reducing absorption of water and waterborne salts of the substrates. The chemical process will also improve surface hardness, resistance to abrasion and chemicals.

RECOMMENDED USE

- Bridge decks
- Car parks
- Concrete tanks
- Dams
- Pre-cast elements
- Roofs / Podium decks
- Run ways of transportation services
- Toilets
- Tiled areas
- Water retention structures
- Wharves
- Natural stone/granite
- Tile grouts
- Cement surface

ADVANTAGES

- 100% trafficking and will not be damaged by mechanical means at the surface.
- Form an excellent water repellent surface which is invisible.
- Excellent resistance to weathering.
- Excellent compatibility to concrete and last the lifetime of the concrete.
- Reduces efflorescence and surface salts
- Rapid curing time.

PACKAGING

KISCOTE SS is supplied in 20 litres pail

APPLICATION GUIDELINES

a) Surface Preparation

- Receiving surface must be clean and free of voids, loose materials, oil, grease, curing compounds, sealers and any foreign matters that may reduce penetration.
- Concrete must be of sound quality and prepared according to good practice of adequate curing, vibration and compaction.
- Old and worn out concrete may need special treatment before the application of KISCOTE SS for best results. Salt encrustations must be cleaned using mild acid.



- Ensure all metal, glass or painted railings are protected from KISCOTE SS.

b) Application

- Stir well prior to application of KISCOTE SS with brush, roller or suitable spraying equipment onto the receiving surface. Substrate must be dried prior to application.
- The recommended application rate for general application is minimum 1 litre/3m². For area with high porosity (e.g. porous bricks), application rate is for 1 litre/0.5m².
- Apply minimum 2 coats of KISCOTE SS with interval of at least 3 hours apart.

LIMITATION

KISCOTE SS must not be applied as follows: -

- At temperature, outside 5-40°C.
- On concrete substrates that are not structurally sound or with large/non-static cracks greater than 2mm in width.
- At construction joint or pour joint.
- At damp substrates.

COVERAGE

- Approximately 0.66 – 4.0 litres of KISCOTE SS per square meter (2 coats).
- 1 pail of 20 litres KISCOTE SS is expected to cover an area of 5 to 30 square meter.

STORAGE

KISCOTE SS should be stored in tightly sealed original packing, and a 12-month shelf life can be expected from date of manufacturing.

HEALTH & SAFETY

Refer to SDS for further information.

TECHNICAL PROPERTIES

KISCOTE SS	
Application limits	5 – 40°C
Colour	Colourless, hazy
Viscosity	<100 cps
Tack free	60 minutes
Hard dry	180 minutes
Diluting solvent	Water

IMPORTANT NOTES

Any information and/ or specification contained herein is to the best of the company knowledge, true and accurate, it is always recommended that trial to be carried out to confirm suitability of use for all products, as no warranty is given or implied in connection with any recommendations and/ or suggestions made by the company representatives, agents and/ or distributors.

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