

# CIKOrepell SS

Smart Chemical Solutions



سيكو الشرق الأوسط  
MIDDLE EAST

## Water repellent coating for concrete and masonry

### Description

CIKOrepell SS is a silane-siloxane based water repellent dispersed in solvent medium. It provides water repellency by penetrating deep into concrete, masonry or brickwork and also protects the surface from UV rays and premature weathering/ageing. On drying it provides a clear finish and exhibits excellent hydrophobic characteristics.

### Properties

- Single component and ready to use material.
- Excellent penetration on mineral surfaces and is resistant to alkalis.
- Reduces chloride intrusion.
- Retains the breathability of the structures maintaining water repellency.
- Suitable for internal and external applications even on irregular surfaces.
- Provides good adhesion for paints.
- Cold applied by brush, roller or spray.

### Application area

CIKOrepell SS is a superior quality water repellent protective coating for,

- Architectural concrete.
- Exposed brick and masonry works.
- Concrete highway road surfaces, bridges and flyovers.
- Highly alkaline mineral substrates like parking garages, stadium etc.

### Applicable standards

- Complies with Qatar Construction Specifications QCS

### Physical Properties

Form	Clear liquid
Colour	Pale yellow
Specific gravity	0.80±0.01 @25°C
Drying time	4 – 6 hours @25°C
Over coating time	2 - 3 hours
Application temp.	5 – 45°C
Service temp.	- 5 to 90°C

### Coverage

CIKOrepell SS will provide coverage of 5.0m<sup>2</sup> per litre per coat. Two coats of CIKOrepell SS are recommended.

Note : The coverage depends on the surface type and condition.

### Application instructions

#### Surface preparation

The surface should be free from dust and loose particles. All contaminations like oil, grease, coatings etc. if present should be treated well before application of CIKOrepell SS. Ensure that the surface is relatively dry and free from any standing water and wet spots.

#### Mixing

Stir well before use.

#### Application

Apply CIKOrepell SS on clean surface using brush, roller or spray at a rate of 0.2 litre per square meter per coat. Apply a second coat of CIKOrepell SS before the initial coat gets dried completely. Keep the surface protected from water and accumulation of other extraneous materials for minimum 24 hours to achieve the optimum product performance.

Note : CIKOrepell SS should not be extended with any solvents and recommend to use as delivered.

### Packaging

CIKOrepell SS is available in 5 lts, 20 lts and 200 lts pack sizes.

### **Shelf life**

CIKOpell SS has a shelf life of 12 months if stored in accordance with manufacturer instructions.

### **Storage**

CIKOpell SS should be stored under enclosed shaded area at temperatures between 5 – 35°C.

### **Precautions**

CIKOpell SS should not be applied at temperatures below 5°C.

### **Health & safety**

CIKOpell SS should not come in contact with eyes or be swallowed. Ensure adequate ventilation and avoid inhalation of vapours.

Applicator should wear appropriate clothes, gloves and goggles. Use of barrier cream is recommended to provide additional skin protection. If comes in contact with eyes, flush with plenty of fresh water and seek medical advice.

Refer Material Safety Data Sheet for further details.

### **Technical Support**

For any technical support, do not hesitate to contact CIKO team at any time as CIKO offers on and off site services to end users, specifier and contractors.

### **More from CIKO Middle East**

A wide range of construction chemical products are manufactured by CIKO Middle East which includes:

- *Concrete admixtures and additives*
- *Waterproofing and damp proof coatings*
- *Surface treatments*
- *Flooring and toppings*
- *Grouts and anchors*
- *Tile adhesives and grout*
- *Concrete repair materials*
- *Adhesives and bonding agent*
- *Protective coating*
- *Joint Sealants and Moulding compounds*
- *Ancillaries*

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Note: The information presented herein based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control



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