

## PRODUCT DATA

# tensid<sup>®</sup> uk ltd

## Impreg Silane Crème

Clear aqueous silane-based  
hydrophobic impregnation

### DESCRIPTION AND USE

**Impreg Silane Crème** is a clear water-based thixotropic cream based on alcoxysilane. With a high active content, this product provides a deep penetrating protection to all concrete, including GRC and reinforced concrete.

**Impreg Silane Crème** is developed to penetrate deeply into the pore structure of the concrete, providing optimum protection against water penetration, chloride ingress, surface soiling, organic growth and other pollutants, plus resistance to carbonation.

**Impreg Silane Crème** is recommended and specifically formulated for alkaline precast or in-situ concrete, normal and reinforced concrete used in buildings, bridges, road tunnels, with specific requirements a durable protection against water ingress, de-icing salt and carbonation.

**Impreg Silane Crème** has a high active content, and therefore provides a quality protection to concrete due to the well-documented properties of silane.

**Impreg Silane Crème** is also used as a primer for Impreg Concrete Stain and many other paint systems used on concrete.

### ADVANTAGES

- Long lasting protection - 15 - 20 Years Life Epectancy
- Breathable and non-film-forming
- Excellent depth of penetration
- Dramatic reduction in water absorption
- Highly resistant to chloride ingress
- Comprehensive protection against frost and de-icing salts
- Environmentally compatible
- Can be applied with no loss of material due to thixotropic nature
- Based on proven silane technology
- Suitable for in-situ and factory application
- Conforms to **EN 1504-2**
- **CE** marked

### LIMITATIONS

- Do not apply during rain and when surface and ambient temperature is below 5°C or above 30°C.
- Not recommended for below-grade applications or under hydrostatic pressure.

### TECHNICAL DATA

<b>Chemical structure:</b>	Aqueous, solvent-free crème based on silane.
<b>Appearance:</b>	White crème
<b>pH Value:</b>	8.0 – 9.5
<b>Specific weight at 20°C:</b>	Approx. 0.9
<b>Active content:</b>	80% (± 3%)

### PREPARATION

Protect surrounding surfaces and be aware of wind drift. Clean surfaces thoroughly to remove all dirt, oil, grease and other contaminants using a pressure washer. Use LD Concrete Cleaner or Safety Klean supplied by Tensid UK Ltd., if a more thorough clean is required.

### EQUIPMENT

Preferred method of application is with airless spray. Brush or paint roller may be used on smaller areas, but may not achieve the same uniform application as with airless spraying.

### PRE-TESTING

Always test each type of surface before overall application to ensure suitability and desired results.

Apply test area according to the application instructions. Allow the test area to dry thoroughly prior to inspection and approval.

### DILUTIONS

**Impreg Silane Crème** is ready to use, do not dilute.

## APPLICATION INSTRUCTIONS

Ensure that the surface is clean dust-free and dry. Airless spray to achieve coverage of 2.5 to 6m<sup>2</sup> per litre, varying depending on the porosity of the concrete, and the depth of impregnation required.

If the concrete is not particularly absorbent, be aware that over-application can lead to the impregnation liquefying when reacting with the alkalinity in the concrete causing runs.

Roller or brush can be used for application to smaller areas.

## DRYING AND CURING

Depending upon the porosity of the substrate and ambient curing temperature, **Impreg Silane Crème** will be touch-dry within 2 to 6 hours, and fully cured within 28 days.

## CLEANING OF SPRAY EQUIPMENT AND TOOLS.

Clean thoroughly in clean water.

## MAINTENANCE CLEANING

Regular cleaning with hot or cold pressure washing is recommended in order to maintain the original appearance of the coated surface. **IMC Impreg Maintenance Cleaner** is a cost-effective cleaning product for use on **Impreg Silane Crème** protected surfaces. Please refer to **IMC Impreg Maintenance Cleaner** Product Data Sheet. Note: Do not use hot water above 60°C and pressure above 150 bar.

## STORAGE

Store in ambient temperature between 5°C and 25°C. Do not expose product to frost.

## PACKING

200 litre & 25 litre drums.

## SHELF LIFE

Minimum 6 months when stored as recommended.

*This Product Data is compiled to be of assistance but is without guarantee. Users are responsible for safe working practices. Always refer to Material Safety Data Sheets (MSDS) for full information before using this product.*

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