

PRODUCT DATA

tensid[®] uk ltd

Impreg GSS14

Water, stain & graffiti
repellent impregnation

DESCRIPTION AND USE

Impreg GSS14 is a high performance invisible fluoroacrylate copolymer water oil and stain repellent impregnation for use on interior and exterior stone, quarry tiles, concrete and other mineral-based substrates. This easy-to-use protective treatment drastically improves stain resistance and simplifies maintenance cleaning.

Impreg GSS14 is developed to penetrate deeply into the pore structure of the masonry, providing optimum protection against the ingress of water, air-borne pollutants, oil and food stains, graffiti, chewing-gum, and organic growth.

Impreg GSS14 is recommended for both internal and external application, on horizontal or vertical surfaces, for long term durable protection.

ADVANTAGES

- Long lasting invisible protection for up to 10 years
- Waterbased non-hazardous formulation
- Only one application needed
- High vapour transmission allows treated surface to breathe
- Invisible and non film-forming
- Excellent penetration depth
- Prevents oil & food stains
- Prevents water ingress and related staining
- Prevents organic growth
- Resists penetration of graffiti, chewing-gum and general soiling
- Easy to clean, eliminating or reducing use of chemicals
- Fast drying
- UV-resistant
- Low odour
- Biodegradable

LIMITATIONS

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

TECHNICAL DATA

Chemical structure:	Fluorinated acrylic co-polymer
Appearance:	Clear straw-coloured liquid
pH Value:	6-7
Active content:	High

PREPARATION

Protect surrounding surfaces and be aware of wind drift. Remove all dirt and surface contaminants with the appropriate tensid cleaner. Rinse thoroughly to remove all cleaning compounds and residues. Allow surface to dry thoroughly before application.

EQUIPMENT

Apply using a low compression sprayer, brush or roller.

PRE-TESTING

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

DILUTIONS

Apply Impreg GSS14 as packaged. Do not alter or blend with other materials. Stir or mix well before use.

APPLICATION INSTRUCTIONS

Vertical surfaces

Using low a compression sprayer, brush or roller, apply Impreg GSS14 uniformly with sufficient material to saturate the surface. Spread or brush out any heavy runs or drips thoroughly to ensure uniform coverage.

Horizontal surfaces

When applying to most flat surfaces, apply Impreg GSS14 in a wet-on-wet saturating application. Apply sufficient material so the surface remains wet for approximately 5 minutes. Sweep out puddles of excess material with a stiff bristled broom or pick-up with dry towel or mop.

Porous surfaces

For optimum stain repellency on porous surfaces, a wet on wet/damp application is recommended. Allow the first application to penetrate the masonry surface for 2 to 3 minutes and then apply in the same saturating manner. Less material will be required on the second application. Over-application may cause a change in appearance.

DRYING AND CURING

Treated surface can be opened to traffic as soon as the surface becomes completely dry. Protect treated surface from direct water contact for 12 hours. Impreg GSS14 requires 5 to 7 days to develop its full stain protective properties. Remove any overspray within 24 hours of application with mild soap and water.

CLEANING OF SPRAY EQUIPMENT AND TOOLS.

Clean thoroughly in water.

MAINTENANCE CLEANING

Remove any stains or spills from the treated surface as soon as possible using Prosoco STMP (Stone Tile and Masonry Cleaner) available from Tensid UK Ltd

Graffiti is removed from a treated surface by using Graffi Clean 300, a non-hazardous graffiti remover gel available from Tensid UK Ltd.

For further instructions please refer to the Product Data Sheet for Graffi Clean 300. Impreg GSS14 will normally tolerate a minimum of 5 removal cycles.

RE-TREATMENT

Repeated heavy duty cleaning will, over time, reduce the efficacy of the protection. In such event, re-apply Impreg GSS14 in the same manner as the initial application.

COVERAGE RATES

Coverage rates will vary according to surface porosity and texture.

General guideline: Porous surface 3 to 5 sqm per litre.

Low porosity material 6 to 10 sqm per litre.

STORAGE

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

PACKING

15 litre plastic container.

SHELF LIFE

6 months in unopened container.

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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