PRODUCT DATA

# tensid® uk ltd

# Guardian Masonry Protector

Stone, tile and masonry protector.

## Description and use

Guardian Masonry Protector is a waterborne penetrating fluro-polymer water, oil and stain repellent. This easy to use, low VOC, low odour protective treatment improves the stain resistance and simplifies maintenance cleaning of interior and exterior stone, quarry tile, concrete and masonry surfaces.
Surfaces treated with Guardian Masonry Protector resist staining from oil, food and waterborne matter, while retaining their natural colour, texture and breathability.

## Advantages

- Easy maintenance programme using PROSOCO STMC Masonry Cleaner (T1922).
- Low odour suitable for interior application to occupied buildings.
- Invisible – retains natural colour and texture.
- Will not produce a slippery surface.
- Long lasting, polymeric material suitable for interior and exterior applications.
- Fast drying – reduces down time
- High vapour transmission allows treated surfaces to breathe

## Limitations

- Protect from freezing.
- Not suitable for application to surfaces that are heavily laden with oils. Clean surface with the appropriate PROSOCO cleaning product.
- Not suitable for surfaces subjected to below grade water

*Recommended as follows. Always test.*

| Substrate | Type | | $m^2$ per litre |
|---|---|---|---|
| Marble<br>Travertine<br>Limestone | Polished | Yes | 7 - 11 |
| | Unpolished | Yes | 7 - 11 |
| Granite | Polished | Yes | 7 – 14 |
| | Unpolished | Yes | 7 – 11 |
| Sandstone* | Unpolished | Yes | 5 – 9 |
| Slate | Unpolished | Yes | 7 – 14 |
| Fired Clay* | Brick<br>Tile<br>Terracotta<br>Pavers | Yes<br>Yes<br>Yes<br>Yes | 4 – 10 |
| Concrete* | Block<br>Brick<br>Tile<br>Precast Panels<br>Pavers<br>Cast in place | Yes<br>No<br>Yes<br>Yes<br><br>Yes<br>Yes | 4 - 10 |

* *May darken some surfaces . Always test to ensure desired results.*

## TECHNICAL DATA

| | |
|---|---|
| **Appearance:** | Straw coloured liquid |
| **pH Value:** | 8 - 8.5 |
| **Boiling Point:** | > $100^0$C |

## Preparation

Protect surrounding surfaces and beware of wind drift. Remove all dirt and surface contaminants with the appropriate PROSOCO cleaner. Rinse thoroughly to remove all cleaning compounds and residues. Allow surfaces to dry thoroughly before application.
Surface and air temperatures should be a minimum of $4^0$C and expected to remain so for 4 hours following application. Surface and air temperatures should no exceed $32^0$C. On warm days, apply early in the morning and to shaded areas.

## Equipment

Apply using a low compression sprayer, brush or roller.

## Pretesting

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 Guardian Masonry Protector as packaged. Do not alter or blend with other materials. Stir or mix well before use.

## Application Instructions

**Vertical Surfaces**
Using low compression sprayer, brush or roller, apply Guardian Masonry Protector uniformly with sufficient material to saturate the surface. Spread or brush out any heavy runs or drips thoroughly to ensure uniform coverage.

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**Tile and Grout Sealing**
Apply Guardian Masonry Protector to grout joints with brush, roller, sponge or other device designed for application to grout joints. A second coat may be applied 1 hour later. Avoid direct contact with water for 12 hours after material has dried. Within 24 hours of application, remove any residual haze on glazed tile by buffing with soap and water.

**Horizontal Surfaces**
When applying to most flat surfaces, apply 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 a dry towel or mop.

**Porous Surfaces**
For optimum stain repellency on porous surfaces, a wet on wet 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

**Re-treatment:** as with any oil and stain repellent, re-treating of the surface is desirable to maintain the original performance. Apply in the same as the original application.

**Cure and Drying Time:** treated surfaces can be opened to traffic as soon as the surface becomes completely dry. Protect treated surfaces from direct water contact for 12 hours. Guardian Masonry Protector requires 48 hours to develop its full oil resistant properties. Remove any over spray within 24 hours of application with mild soap and water.

**Maintenance**
Remove any spills or stains from surfaces treated with Guardian Masonry Protector as soon as possible using PROSOCO STMC (T1922) Masonry Cleaner, and for regular maintenance cleaning (see separate data for Maintenance Programme). Do not use harsh acidic or alkaline cleaners for maintenance cleaning.

## Coverage Rates

Coverage rates will vary according to surface porosity and texture.

## Packing

1 x 5 or 1x 15 or 1 x 25 litre plastic container.

## Safety Information

May cause irritation. Wear suitable PPE – rubber gloves to avoid splash to bare skin or eyes. Always refer to material safety data sheet before use.

## Shelf Life

Guardian Masonry Protector may be stored for up to 12 months in a tightly sealed, unopened container.

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

For more information and photos please visit:
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