

PRODUCT DATA

tensid[®] uk ltd

Limestone and Marble Protector

Hydrophobic & Oleophobic Impregnation

Description and use

Limestone and Marble Protector is a clear, penetrating water and oil repellent for use on interior and exterior limestone and marble surfaces. LMP does not form a glossy surface film or darken the masonry surface. Treated surfaces retain their natural colour, texture and appearance.

LMP combines high quality siloxane resins with "oleophobic" resins to produce a penetrating water and oil repellent ideal for long term protection against food, oil and waterborne staining.

Advantages

- Easy to maintain
- Protects against oil and water
- No surface buildup or gloss
- High degree of vapour transmission
- Treated surfaces retain their natural colour, texture and appearance
- Ideal for treating shopping centres, walkways, hotel floors

Recommended as follows. Always test.

Substrate	Type		m ² per litre
Marble Travertine Limestone*	Polished	Yes	3.5 – 5
	Unpolished	Yes	2.5 – 4
Granite	Polished	Yes ¹	4 – 9
	Unpolished	Yes ¹	4 – 9
Sandstone*	Unpolished	Yes ²	2.5 – 4
Slate	Unpolished	Yes ¹	3.5 – 4.5
Fired Clay*	Brick	Yes ²	2.5 – 4
	Tile	Yes ²	
	Terracotta	Yes ²	
	Pavers	Yes ²	
Concrete*	Block	Yes ²	2 – 3.5
	Brick	Yes ²	
	Tile	Yes ²	
	Precast	Yes ²	
	Panels		
	Pavers	Yes ²	
	Cast in place	Yes ²	

* May have limited effectiveness on highly porous surfaces

¹ Always test. If desired results are not achieved, use PROSOCO SLX100

TECHNICAL DATA

Appearance: Colourless liquid

pH Value: N/A

Boiling Point: N/A

Limitations

- Not for application to asphaltic or painted surfaces.
- Surface coatings and paints applied over treated surfaces may not adhere
- May darken or discolour some surfaces. Always test to determine that the appearance of treated stone is acceptable
- Solvent odour may limit suitability for application to interiors of occupied buildings
- May damage glass, synthetic and reflective materials. Always protect these first.

Preparation

Protect surrounding surfaces and beware of wind drift.

Remove all dirt and surface contaminants with the appropriate PROSOCO cleaner (do not use raw acids). Rinse thoroughly to remove all cleaning compounds and residues. Allow surfaces to dry for a minimum of 24 hours before application.

Surface and air temperatures should be between 4°C & 30°C and expected to remain so for 4 hours following application. On warm days, apply early in the morning and to shaded areas.

Pretesting

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

Equipment

Apply using a low compression sprayer, brush or roller.

Dilutions

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

Application Instructions

Vertical Surfaces LMP may be applied to vertical surfaces using a low compression sprayer, brush or roller. Apply uniformly from the bottom of surface to the top with sufficient material to saturate the surface and create a slight rundown below the contact point of the spray pattern brush or roller. Brush out any heavy runs or drips thoroughly so that the material completely penetrates into the surface.

Porous surfaces will require a wet on wet application. Allow the first application to penetrate the masonry surface and then reapply within 5 minutes, in the same saturating application. Note: less material will be required on the second application.

Horizontal Surfaces When applying to most flat surfaces, apply LMP in a single saturating application with sufficient material so the surface remains wet for approximately 2 to 3 minutes before penetrating the surface. Lightly broom puddles and pick up excess material that does not immediately penetrate using clean, absorbent towels. Avoid over application and any surface buildup or prolonged puddling, which can cause discolouration.

Protect for a minimum of 2 hours following application. Provide cross ventilation and fresh air supply to interior spaces for not less than 8 hours following application. Protect treated surfaces from rainfall for 4 to 6 hours. LMP requires 72 hours to develop its full oil resistant properties.

Maintenance Remove any spills or stains from surfaces treated with LMP as soon as possible using water or staining use PROSOCO Heavy Duty Detergent.

Coverage Rates

Coverage rates will vary according to surface porosity and texture.

Packing

1 x 25 litre plastic container.

Safety Information

May cause irritation. Harmful if swallowed. Wear suitable PPE – rubber gloves to avoid splash to bare skin or eyes.

Always refer to material safety data sheet before use.

Shelf Life

Limestone and Marble Protector may be stored for up to 3 years 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:

www.tensid.com

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