

6.4 Ezi PREMIUM 1 SEAL

SOLVENT-BASED IMPREGNATOR FOR OIL & WATER REPELLENT PROTECTION OF NATURAL STONES



PRODUCT INFORMATION

Product name	:	Ezi PREMIUM 1 SEAL
Packing	:	1, 5 and 20 litres
Shelf life	:	12 months
Storage condition	:	Store in cool and dry condition
Appearance	:	Transparent thin liquid
Based	:	Silicon- based
Toxicity Hazard	:	Solvent
Imflammanility	:	Flammable

APPLICATION DATA

Mixing ratio	:	Use direct from the container
Coverage	:	Depending on porosity of materials
- water absorption (<5%)	:	1 - 2 ltrs / 100 m ²
- water absorption (20 - 30%)	:	8 - 12 ltrs / 100 m ²
- water absorption (35 - 50%)	:	20 - 25 ltrs / 100 m ²
Touch dry time	:	Approx. 2 - 4 hours
Curing time	:	Approx. 24 hours
Application temperature	:	5 - 30 °C

TECHNICAL DATA

Film Breathability	:	Excellent
Resistance to Heat	:	Excellent
Resistance to Frost	:	Excellent
Resistance to Water	:	Excellent
Ageing Resistance	:	Excellent
UV Resistance	:	Excellent
Resistance to acids	:	Fair
Resistance to alkalis	:	Fair
Resistance to solvent	:	Fair
Resistance to oil/grease	:	Good

DESCRIPTION

Ezi PREMIUM 1 SEAL is a solvent based , ready to use , transparent thin liquid impregnator , for excellent protective treatment for top surface of natural stones, selected ceramic tiles , clay tiles & etc.

MAIN CHARACTERISTICS



EXCELLENT

Oil & Water Repellent
to protect treated surfaces against water marks and oil marks



PREMIUM

Stone Surface Protection
against staining & discoloration

USAGE

Specially developed for treatment to the top surface of natural stones (polished , honed , flamed or sand-blasted)
For Example : Marble , Granites , Slates , Sand-stones , Lime-stones , Quartzite , etc.

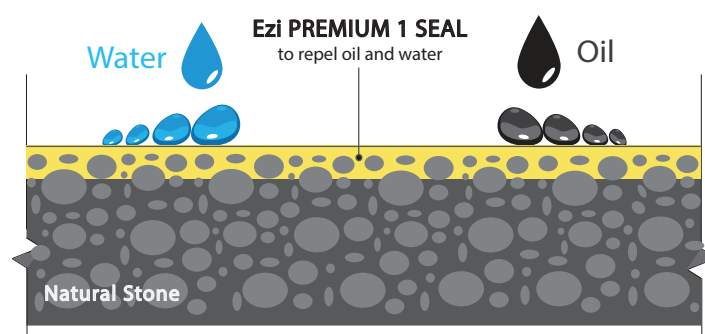
Note :

- 1) It is also suitable for ceramic tiles , quarry tiles , terracotta , terrazzo , facing bricks , veneer sliced brick , pebblewash , concrete pavers , cementitious substrate , etc.
- 2) It is suitable to use at internal/external , wall/floor , dry/wet areas.
- 3) It is suitable for use on underside and 4 edges of natural stones.

PERFORMANCE

Ezi PREMIUM 1 SEAL offers the following benefits when used directly from the container :

- Reduced oil and water permeability
- Easy to apply
- Protect surface against staining and discoloration
- Protect surface against weathering
- Easy maintenance of treated substrates
- Long term protection
- Minimised Efflorescence



APPLICATION PROCESS



Ensure the substrate to be treated is free of contaminants.

(1) Preparing the Substrate
 - Substrate to be treated must be dry, sound and free of contaminants, e.g. dust, grease, laitance, oil, etc.



Use directly from the container.

(2) Preparing the Sealer
 - Use directly from the container. Strictly ensure brush/roller is clean at all times as constant re-dipping of application roller/brush with accumulated dirt/dust will eventually contaminate the remaining sealer in the container.
 - Stir Ezi PREMIUM 1 SEAL consistently/well before use. No further dilution is required.



Stir well the sealer before use.

(3) Applying the Sealer
 - Apply Ezi PREMIUM 1 SEAL onto the surface of natural stones/tiles using brush/roller.
 - Recommended to be applied with thin even coats. Do not overload brush/roller to avoid excessive single coat application.



Apply Ezi PREMIUM 1 SEAL to the top surface of natural stones with a brush or roller.

- Certain natural stones may require two treatment coats for better water repellent result, otherwise single coat protective treatment is sufficient.
 - To determine the number of treatment coats required, it is recommendable to check the porosity of materials. Basically low porosity materials require 1-2 coats of treatment; whereas porous materials may require 2 or more treatment coats.



It achieves "Touch Dry" within 2 to 4 hours while its water repellent properties progressively develop within 24 hours. Attainment of maximum properties in 5 days.

- Allow first coat to impregnate into the natural stones for 30 - 60 minutes (varies depending on weather and porosity of natural stones) before applying the second coat in similar manner.
 - The second coat must be applied (wet on wet) before the first coat is fully cured.
 - After 1 to 2 hours of final coat application, any residue of Ezi PREMIUM 1 SEAL on the top surface of natural stones must be polished or wiped off using a clean dry absorbent cloth. Otherwise, it may result in a hazy or cloudy appearance on the surface of the treated natural stone.
 - Ezi PREMIUM 1 SEAL achieves "Touch Dry" within 2 to 4 hours while the water repellent properties progressively develop within 24 hours. Attainment of maximum properties in 5 days.
 - Recommended initial testing on a small trial area to determine coverage and compatibility of Ezi PREMIUM 1 SEAL with the natural stones to be treated.
 - Appropriate protection from weathering and traffic must be provided during application and curing process Ezi PREMIUM 1 SEAL.

Notes:

- (1) Ezi PREMIUM 1 SEAL is solvent-based; thus always apply in areas with good cross ventilation.
- (2) It is a flammable product; thus prevent contact with fire or sources of ignition during application.
- (3) Staining and discolouration of natural stones arising from oxidation within the natural stones cannot be avoided with application of Ezi PREMIUM 1 SEAL.
- (4) Oil form of spillage should be clean up immediately. Prolonged contact may still cause staining.
- (5) Users or applicators are responsible to determine the condition and suitability of every surface; prior to actual application.

MATERIAL SAFETY INFORMATION

A non-Critical Hazard to man and environment solvent-based product. Long term experience of this product indicates no danger to health when properly handled under industrial conditions. Use in well ventilated areas and keep away from sources of ignition. It is combustible. Prevent from inhaling, ingestion and avoid from entering eyes. Prolonged contact with unprotected parts of body should be avoided. (For more detail please refer to Ezi MSDS)

When working with this product, recommended to follow the safety precaution below.



COMPANY INFORMATION

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