

6.3 Ezi WR18 SEAL

SILICONE TYPE IMPREGNATOR FOR WATER REPELLENT PROTECTION OF UNDERSIDE & 4 EDGES OF NATURAL STONES



PRODUCT INFORMATION

Name	: Ezi WR18 SEAL
Packing	: 1 litre, 5 litres & 20 litres
Colour	: Transparent/ Clear
Shelf Life	: 12 Months in Dry Condition
Appearance	: Thin Liquid
Toxicity Hazard	: Solvent
Inflammability	: Flammable

APPLICATION DATA (Tested at approx. 25 °C)

Coverage	: Approx. 15-20m ² /litre (Recommended 2 coats)
Temperature	: +5 °C and at Normal Ambient Temperature
Touch Dry Time	: 2-4 hours
Curing Time	: 24 hours

TECHNICAL DATA (Tested at approx. 25 °C)

Film Breathability	: Excellent
Resistance to Heat	: Excellent
Resistance to Frost	: Excellent
Resistance to Water	: Excellent
Resistance to Ageing	: Excellent
Resistance to Alkalis & Acids	: Fair
Resistance to Oil & Solvents	: Fair

DESCRIPTION

Ezi WR18 SEAL is a silicone-based, ready to use, transparent thin liquid, solvent-based impregnator for protective treatment of underside & 4 edges of natural stones, etc.

MAIN CHARACTERISTICS



USAGE

Specially developed for treatment to:

Underside & 4 edges of natural stones

- Marbles
- Granites
- Slates
- Sandstones
- Limestones
- Quartzite, etc.

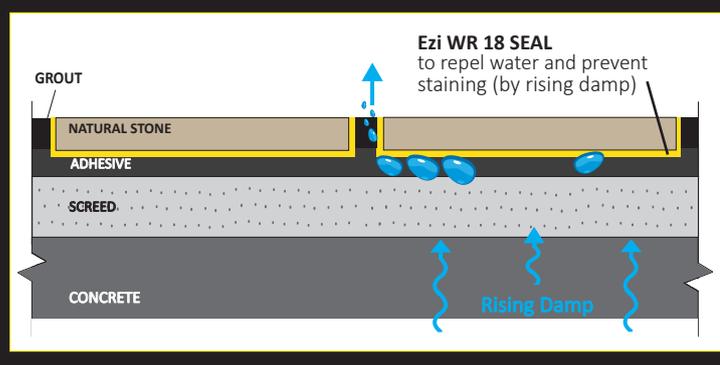
- Note:** 1) Suitable to use at internal/external, wall/floor and dry/wet areas.
2) It has a tendency to enhance the appearance and natural colour of treated surface; thus, unsuitable for application on top surface of polished natural stones, etc.

PERFORMANCE

Ezi WR18 SEAL offers the following benefits when used directly from the container:

- Reduced Water Permeability
- Easy to Apply
- Protect Surface Against Water Stain/Marks Caused By Rising Damp
- Protect Treated Surface Against Weathering
- Easy Maintenance Of Treated Substrates
- Long Term Protection
- Minimised Efflorescence

CROSS SECTIONAL DIAGRAM: Water Repellent Function In Natural Stone Installation System



APPLICATION PROCESS



Use directly from the container.



Stir well the sealer before use.



Ensure the surface to be treated is free of contaminants. Apply Ezi WR18 SEAL to the underside of natural stones with a brush or roller.



Follow-through application onto the 4 edges of natural stones. Recommended to install the treated natural stones after 24 hours of curing time.



Place the treated natural stones firmly onto the adhesive bed, allow 24 - 48 hours of setting time.

Preparing the Natural Stone

- Underside and 4 edges of natural stones to be treated must be dry, sound and free of contaminants, e.g. dust, grease, laitance, oil, etc.

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 or shake Ezi WR18 SEAL consistently/well before use. No further dilution is required.

Applying the Sealer

- Apply Ezi WR18 SEAL to the underside and 4 edges of natural stones using brush/roller.

- Recommended to be applied as thin even coats. Do not overload brush/roller to avoid excessive single coat application.

- Certain materials may require two treatment coats for better water repellent result, otherwise single coat protective treatment is sufficient.

- 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 WR18 SEAL must be polished or wiped off using a clean dry absorbent cloth.

- Ezi WR18 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 WR18 SEAL with the substrates to be treated.

- The treated natural stones should be fixed after 24 hours (ideally longer).

- Appropriate protection from weathering and dampness must be provided during application and curing process of Ezi WR18 SEAL.

Notes:

- (1) Ezi WR18 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 WR18 SEAL.
- (4) Users or applicators are responsible to determine the condition & suitability of all surfaces; 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.



WEAR DUST MASK



WEAR SAFETY GOGGLES



WEAR HAND GLOVES



WEAR SAFETY SHOES



KEEP AWAY FROM CHILDREN

COMPANY INFORMATION

MANUFACTURED BY: Ezi MOTARTECH SDN. BHD. (874800-D)

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