

## 6.2 Ezi H2O SEAL

SILICONE TYPE IMPREGNATOR FOR WATER REPELLENT PROTECTION OF CEMENTITIOUS SUBSTRATES



### DESCRIPTION

**Ezi H2O SEAL** is a silicone type, ready to use, transparent thin liquid, solvent-based impregnator for protective treatment of cementitious substrates, selected ceramic tiles, clay tiles & etc.

### MAIN CHARACTERISTICS



#### PRODUCT INFORMATION & APPLICATION DATA

Name	: Ezi H2O SEAL
Packing	: 1 litre, 5 litres and 20 litres
Colour	: Transparent or Clear
Shelf Life	: 12 Months in Cool and Dry Condition
Appearance	: Thin Liquid
Toxicity Hazard	: Solvent
Inflammability	: Flammable

#### APPLICATION DATA (Tested at approx. 25 °C)

Coverage (Single coat)	: Approx. 0.30 - 0.40 litre/m <sup>2</sup> /coat
(Second coat)	: Approx. 0.10 - 0.20 litre/m <sup>2</sup> /coat
Temperature	: From +5 °C to 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 UV	: Excellent
Resistance to Oil & Grease	: Fair
Resistance to Alkalis & Acids & Solvent	: Fair

### USAGE

**Specially developed for treatment of :**

- Cementitious Substrates
- Quarry Tiles
- Terracotta
- Pebble Wash
- Concrete Pavers
- Facing Bricks
- Veneer Slide Bricks (*Brick Slips or Brick Tiles*)
- etc.

**Note:** 1) Also suitable for Natural Stones (e.g. marbles, granites, slates, sandstones, limestones, quartzite, etc.)

2) Suitable to use at internal/external, wall/floor and dry/wet areas.

### PERFORMANCE

**Ezi H2O SEAL** offers the following benefits when used directly from the container:

- Reduced Water Permeability
- Easy to Apply
- Protect Surface Against Staining And Discolouration
- Protect Surface Against Weathering
- Easy Maintenance of Treated Substrates
- Long Term Protection
- Minimised Efflorescence



## APPLICATION PROCESS



Ensure the surface to be treated is clean and free of contamination

### (1) Preparing the Substrate

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

### (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 rest of the sealer in the container.

- Stir Ezi H2O SEAL consistently/well before use. No further dilution is required.

### (3) Applying the Sealer

- Apply Ezi H2O SEAL with clean brush/roller. Recommended to apply thin and even coats onto the surface. Do not overload brush/roller to avoid excessive sealer is applied in single coat application.

- Certain materials may require two or more 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. Low porosity materials require 1-2 coats of treatment; whereas high porosity materials may require 2 or more treatment coats.

- Allow first coat to impregnate into the treated material's surface/sub-surface for 30-60 minutes ( varies depending on weather and porosity of materials) 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 H2O SEAL on the treated surface must be polished or wiped off using a clean dry absorbent cloth. Otherwise, it may result in a hazy/cloudy appearance on the treated surface.

- Ezi H2O 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 H2O SEAL with the materials to be treated.

- Appropriate protection from weathering and traffic must be provided during application and curing process of Ezi H2O SEAL.



Use directly from the container.



Stir well the sealer before use.



Apply Ezi H2O SEAL to the top surface of natural stones with a brush or roller.



The treated surface achieves "Touch Dry" within 2 to 4 hours. Its water repellent properties progressively develop within 24 hours. Attainment of maximum properties in 5 days.

### Notes:

- (1) Ezi H2O 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 H2O SEAL.
- (4) Users or applicators are responsible to determine the condition & 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.



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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