

# Weberprim aqua seal

## Water Repellent Treatment For Natural Stone Slabs



**weberprim aqua seal** is a ready to use, transparent, thin liquid, solvent type, silicone-based impregnator for use in the protective treatment of natural stones, selected ceramic & clay tiles, cementitious substrate etc. Manufactured to stringent Internal Quality Assurance System, conforming to BS 5750 : Part 2 : 1987

### TECHNICAL DATA & PHYSICAL PROPERTIES

<b>Product Consistency</b>	: Thin Liquid
<b>Colour</b>	: Transparent / Clear
<b>Density</b>	: 0.77 kg / ltr
<b>Shelf Life</b>	: 12 months
<b>Inflammability</b>	: Flammable
<b>Toxicity Hazard</b>	: Solvent
<b>Touch Dry Time</b>	: 2 - 4 hours
<b>Cure Time</b>	: 24 hours
<b>Flash Point (ASTM D56)</b>	: 35°C
<b>Application Temperature</b>	: 5 - 30°C and at normal ambient temperature
<b>Temperature Resistance</b>	: Excellent
<b>Frost Resistance</b>	: Excellent
<b>Water Resistance</b>	: Excellent
<b>Damp Resistance</b>	: Excellent
<b>UV Resistance</b>	: Excellent
<b>Ageing Resistance</b>	: Excellent
<b>Resistance to Acids</b>	: Fair
<b>Resistance to Alkalis</b>	: Fair
<b>Resistance to Solvents</b>	: Fair
<b>Resistant to Oil / Grease</b>	: Fair
<b>Film Breathability</b>	: Excellent

### USAGE

**weberprim aqua seal** is specially formulated for application onto natural stone (ie. marbles, granites, slates, sandstones, limestones, quartzite etc.), porcelain tiles, quarry tiles, terracotta, terrazzo, facing bricks, veneer slice bricks, pebblewash, concrete pavers, cementitious substrate etc. Suitable for use at wall or floor, dry or wet and both internal and external areas.

**weberprim aqua seal** is also developed as a moisture sealer for treatment of cementitious wall substrate; prior to painting with the purpose to repel water thus preventing moisture from seeping through. It can also be treated to external wall surface to prevent rain water from seeping through.

It can be applied on cementitious tile grout to prevent water from seeping through the joints (ideal for wall only; for floor areas, a waterproofing membrane is still required)

Recommended for use on underside & edges (4 sides) of natural stone slabs etc. It provides water repellency properties to surface or treated materials for protection against staining (by water) & for easier maintenance,

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**Note :**

weberprim aqua seal It will enhance the natural colour or appearance of treated surfaces; therefore not suitable for application to top surfaces of polished natural stone etc. May be applied on top surface of textured materials (flame or sandblast finish natural stones etc.); if colour change is acceptable.

### GENERAL PERFORMANCE

**weberprim aqua seal** is supplied ready-to-use, therefore no further dilution is required. Once fully cured **weberprim aqua seal** functions as a protective treatment (moisture sealer) to treated materials, where it affords water repellent properties.

It display hydrophobic effects to protect treated surface against staining, discoloration, water penetration or formation of water marks caused by rising damp (water ingress) & moisture from above installation. Being a silicone impregnator, its deep penetrating nature affords long-term protection.

**weberprim aqua seal** offers the following advantages :

- Reduces water permeability of treated surfaces; therefore eliminate developments of water stains.
- Reduces water permeability of treated surfaces; therefore prevent water / moisture seepage.
- Seals & protects against staining or discoloration.
- Minimize the appearance of efflorescence on both surfaces & joints.
- Protects treated surface from weathering eg. rain, frost etc.
- Allows easier maintenance of treated surface by allowing easier removal of graffiti, grimes, dirt, dust etc.
- Unaffected by ultra violet rays
- Non-yellowing
- Easy to apply using brush, cloth or roller
- Fast drying and able to support foot traffic within 24 hours.

**Note :**

Where the underside of natural stone slab is treated with **weberprim aqua seal**, install this slab using a latex modified adhesive system for improve adhesion strength.

### APPLICATION / USAGE

- **weberprim aqua seal** is supplied ready-to-use. No further dilution is required. Stir well before use.
- Preliminary testing on small trial areas is important to determine coverage and compatibility of prim aqua seal with materials to be treated.
- Natural stone slabs & other materials to be treated must be dry, sound and free of contamination eg. grease, oil, dust, laitance etc.
- Do not apply on damp or wet surfaces and during wet weather conditions.
- Apply **weberprim aqua seal**, to the underside & edges (4 sides). It can also be applied to the top surface, if slight colour enhancement is acceptable
- Apply **weberprim aqua seal** evenly with a brush, roller or cloth. Ensure that thin even coats are applied; rather than thick or lumpy coats.
- **weberprim aqua seal**, can be applied as a single coat protective treatment. However more often than not, certain materials may require two (2) or more coats of treatments for effective water repellent result.
- It is advisable to check porosity of material to be treated to determine the number of treatment coats required. Generally, low porosity (dense) material would normally require 1 - 2 coats of treatment; however, porous material may require two (2) or more treatment coats.
- Where a second coat is required, allow the first coat to impregnate into the natural stone slab, usually within 30 - 60 minutes, before applying the second coat in similar fashion. The timing will vary dependent on porosity or texture of materials to be treated, weather or atmospheric condition etc. Repeat similarly should additional treatment coats are required.
- The second coat (subsequent coat) must be applied wet on wet; before the first coat (preceding coat) dries out or fully cure.

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- 1 - 2 hours after application of final coat, any residue **weberprim aqua seal** which can no longer impregnate must be buff off (polish) using a clean dry absorbent cloth. Neglecting this may result in a haze like appearance on the surface of the treated natural stone slab.
- **weberprim aqua seal** achieves touch dry within 2 - 4 hours, but its hydrophobic properties starts to develop within 24 hours. It achieves maximum properties in 5 days.
- Treated natural stone slab should only be installed after 24 hours (preferable longer).
- Adequate protection from weathering & traffic must be provided during application and while **weberprim aqua seal**, had yet to cure.

### Note :

- **weberprim aqua seal** is solvent-based; therefore apply in areas with good cross ventilation. It is flammable; therefore avoid contact with open fire or sources of ignition during application.
- Staining or discoloration of natural stone slabs arising from oxidation within the natural stone slab cannot be prevented with treatment of **weberprim aqua seal**.
- It is the responsibility of users / applicators to determine condition & suitability of all surfaces; prior to actual application

### COVERAGE

On cementitious substrates (moderate water absorption) it is approx.. 0.30 - 0.40 liter/m<sup>2</sup>/coat. Less quantity will be required for low water absorption substrates but slightly more for high water absorption substrates. normally further coats require about 0.10 - 0.20 liter/m<sup>2</sup>/coat based on wet-on-wet application. however the number of treatment coat required will vary depending on porosity level of substrate.

### PACKING

Available in 1, 5 & 20 liters steel container.

### SHELF LIFE / STORAGE

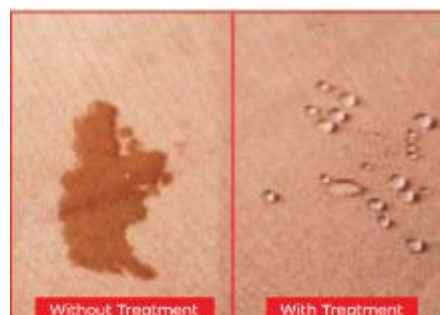
At least 12 months; when stored in dry conditions of normal ambient temperature. Store out of direct sunlight.

### TECHNICAL SERVICES

For further details or recommendation please contact our Technical Advisory / Specification Center at 603-6038 9498 (KL) & 604-626 2830 (Penang)

### PRECAUTION

- Avoid contact with eyes. If enters eyes wash out with water and seek medical attention.
- Keep away from children's reach.
- Use in well ventilated areas & away from sources of ignition. It is flammable.
- May cause minor skin irritation to those with sensitive skin. Wear gloves or apply suitable barrier cream.



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