

Weberprim pro seal 1

Water And Oil Repellent For Natural Stone Slabs



weberprim pro seal 1 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

Product Consistency	: Thin Liquid
Colour	: Transparent / Clear
Density	: 0.77 g / cm ²
Shelf Life	: 12 months
Inflammability	: Flammable
Toxicity Hazard	: Solvent
Touch Dry Time	: 2 - 4 hours
Cure Time	: 24 hours
Flash Point (ASTM D56)	: 37°C
Application Temperature	: 5 - 30°C
Temperature Resistance	: Excellent
Frost Resistance	: Excellent
Water Resistance	: Excellent
Damp Resistance	: Excellent
UV Resistance	: Excellent
Ageing Resistance	: Excellent
Resistance to Acids	: Fair
Resistance to Alkalis	: Fair
Resistance to Solvents	: Fair
Resistant to Oil / Grease	: Good
Film Breathability	: Excellent

USAGE

weberprim pro seal 1 is specially formulated for application onto natural stone (ie. marbles, granites, slates, sandstones, limestone, quartzite etc.), porcelain tiles, quarry tiles, terracotta, terrazzo, facing bricks, veneer slice bricks, pebble wash, concrete pavers, cementitious substrate etc. Suitable for use at wall or floor, dry or wet and both internal and external areas.

Suitable for use on top surface (polished, honed, flamed or sand blasted), underside & edges (4 sides) of natural stone slabs etc. It provides water and oil repellency properties to surface or treated materials for protection against staining (by water or oil) & for easier maintenance.

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GENERAL PERFORMANCE

weberprim pro seal 1 is supplied ready-to-use, therefore no further dilution is required. Once fully cured **weberprim pro seal 1**, function as a protective treatment to treated materials, where it affords water & oil repellent properties to protect against staining or discoloration.

It display both hydrophobic and oleophobic effects to protect treated surface against staining, discoloration or formation of water & oil marks caused by rising damp (water ingress) & moisture or oil from above installation. Being a silicone impregnator, its deep penetrating nature affords long-term protection and does not form a coating.

weberprim pro seal 1 offers the following advantages :

- Reduces water & oil permeability of treated surfaces; therefore eliminate developments of water & oil stains.
- Seals & protects against staining.
- 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.
- As a base protection, treatment of natural stones or tiles prior to waxing.
- It is non-film forming; therefore maintains natural colour & texture of treated surfaces.
- Unaffected by ultra violet rays
- Non-yellowing
- Does not influence slip resistance of treated materials.
- 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 is treated with **weberprim pro seal 1**, install this slab using a latex modified adhesive system for improve adhesion strength

APPLICATION / USAGE

- **weberprim pro seal 1** 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 **weberprim pro seal 1** 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 pro seal 1** to the underside, edges (4 sides) followed by the top surface.
- Apply **weberprim pro seal 1** evenly with a brush, roller or cloth. Ensure that thin even coats are applied; rather than thick or lumpy coats.
- **weberprim pro seal 1**, 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 & oil 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 dependant 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.
- 1 - 2 hours after application of final coat, any residue **weberprim pro seal 1** on the top surface (particularly polished surfaces) of the natural stone slab 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.

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- weberprim pro seal 1 achieves touch dry within 2 - 4 hours, but its hydrophobic & oleophobic 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 pro seal 1 had yet to cure

Note:

- Weberprim pro seal 1 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 pro seal 1.
- Oil form of spillage should be promptly wipe off. Pro-longed contact may still result in staining
- The top surface can be treated with prim pro seal 1, before installation or after installation.
- It is the responsibility of users / applicators to determine condition & suitability of all surfaces; prior to actual application

COVERAGE

Depending on porosity of material to be sealed :

Low water absorption (<5%)

= 1 - 2 liters / 100 m²

Moderate water absorption (20 - 30%)

= 8 - 12 liters / 100 m²

High water absorption (35 - 50%)

= 20 - 25 liters / 100 m²

PACKING

Available in 1, 5 & 20 liters steel container.

SHELF LIFE / STORAGE

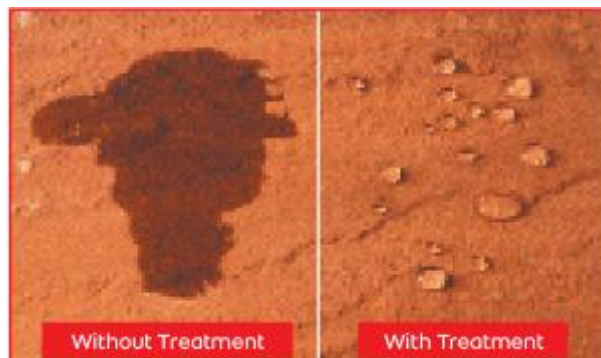
At least 12 months; when stored in dry conditions of normal ambient temperature. Store out of direct sunlight.

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.



SAINT-GOBAIN WEBER (M) SDN BHD

No 29 & 31, Jalan TIAJ 2/1, Taman Industri Alam Jaya, 42300 Bandar Puncak Alam, Selangor D E, Malaysia

(603) 60389498/97/89 (603) 6038 9507 info.webermalaysia@saint-gobain.com www.saint-gobain.my