



# QUICSEAL 110

Product Name

## Penetrating Sealer

### Description

QUICSEAL 110 is a solvent-based, low viscosity hydrophobic treatment for mineral and highly alkaline substrates. It impregnates and protects concrete and masonry from and thus protect against efflorescence, salt penetration, mold and mildew formations.

QUICSEAL 110 reacts with the atmospheric moisture or pore water in the substrate to produce a bonded hydrophobic lining to the pores. The lining greatly lowers the water absorbency of the substrate, whilst allowing the substrate to breathe.

### Advantages

- Excellent penetration capability due to unique molecular structure.
- Extends the life of the treated substrate.
- Breathable –allows high degree of water vapour permeability.
- Water repellent
- High alkaline resistance
- Can be painted over with exterior paint
- Increases freeze thaw resistance
- Highly resistant to efflorescence

### Uses

QUICSEAL 110 allows exceptional penetration to absorbent, porous, mineral building materials such as :

- Concrete & Mortar Joints
- Mineral plasters
- Brickwork
- Sand-lime brickwork
- Paver
- Natural stones, ie. sohofen, sandstones, etc
- Precast concrete
- Cement fibreboards

### Limitation

Do not use QUICSEAL 110 on non-porous substrates such as marble, traventine, etc. Use QUICSEAL 630 STONE SEALER (please refer to QUICSEAL 630 technical data for further details).

## Surface Preparation

The substrates must be clean and sound, free of dust, loose particles. Remove laitance, oil, grease mould release oil or curing compound or any other substance that may hinder penetration of the substrate.

For maximum penetration, removal of contaminants by mechanical means ie. Sand-blasting, scarifying, metallic abrasive blasting or water-jetting, etc. is recommended. Moss or algae growth should be removed using the appropriate fungicidal wash. The surface should be thoroughly scrubbed down and rinsed with liberal quantities of clean water and allowed to dry.

On-site testing is recommended to determine the best method of cleaning.

For new concrete, allow the concrete to cure for a minimum of 14 days before applying QUICSEAL 110.

## Application

QUICSEAL 110 may be applied by roller, brush and low pressure spray equipment. On vertical surfaces, apply QUICSEAL 110 uniformly, starting from the bottom up. If the substrate is very dense, a second coat may be necessary. Apply one flood coat over the substrate without leaving long breaks in-between coats. Apply the 2<sup>nd</sup> coat approximately 15 - 30 minutes after application of the first coat.

On absorbent substrates, repeat or increase the rate of application until the surface is completely saturated.

Be sure to back-roll any drips or runs. On horizontal surfaces apply one flood coat of QUICSEAL 110 and leave saturated for a few minutes. Then back-roll entire surface so that the penetration is uniform and does not leave puddles of QUICSEAL 110.

## Technical Data

Product Type	Silane Siloxane Impregnator
Colour	Clear
Specific Gravity	0.83 ± 0.05
Re-coat Time	15 mins –30 mins
Service Temp. Range	-45°C to 79°C
Water Repellency Test (ASTM C-67-80a)	97% min.
Moisture Vapor (ASTM E96)	2.0 g/m <sup>2</sup> .hr
Transmission hours	
Resistance to Efflorescence (In-House Method)	Excellent
Resistance to Alkalinity	Excellent
Resistance to Sun Light	Excellent
Flash Point	38 °C

## Shelf Life

QUICSEAL 110 has a shelf life of at least 12 months, if stored in tightly closed original containers between 0°C – 30°C under shade.

## Storage

QUICSEAL 110 should be stored in a cool place away from sources of heat or naked flames.

## Packaging

QUICSEAL 110 is available in 2 ltr and 5 ltr tin

## Coverage

Coverage : Approximately 0.25 ltr/m<sup>2</sup>

Note: Consumption of material may increase depending on the porosity of the substrate.

## **Precaution**

QUICSEAL 110 should always be tested on all natural stones to determine any changes in colour tone prior to any application. Protect all areas that are not to be coated such as glass, walls and plants from over-spraying and splashing.

## **Cleaning**

Due to the difficulty cleaning up or removing cured QUICSEAL 110, equipment and tools should be cleaned immediately with mineral spirits.

Remove accidental splashes immediately with mineral spirits before QUICSEAL 110 has dried. Failure to do so may result in the material being retained permanently or difficult to remove.

## **Important Notes**

The information set forth herein is furnished in good faith and is based on technical data that QUICSEAL considers to be reliable. This information is intended for use by persons having technical skill and at their own discretion and risk. Information contained in this product sheet conforms to the standard detail recommendations and specifications for the installation of QUICSEAL products as of the date of publication of this document. QUICSEAL makes no other warranties and assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact QUICSEAL

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