



# CL – WATER SEAL

## WATER BASED IMPREGNATOR FOR BATHROOM / SHOWER / TOILET / KITCHEN AREAS

### DESCRIPTION

**CL-WATER SEAL** is a water based alkylalkoxy silane compound impregnator for the treatment of mineral substrates especially at bathroom, shower, toilet and kitchen area where the waterproofing may have deteriorated. Upon application, it penetrates deep into the substrate to form a water repellent barrier on the surface of the substrate. It permits breathability, thereby reducing any possible salt blooming, efflorescence, mold and algae growth; and hence, extending the life span of the substrate. It does not form a film on the surface nor change the colour of the substrate, thereby maintaining its natural look.

### FIXES

Can be used for treatment of most mineral substrates, like concrete, mortar, tile joint and the like.

### FEATURES

- Prevents water from penetrating into the substrate
- Can be use on damp surfaces
- High water vapour permeability
- Reduction of efflorescence and carbonation
- Protection against moisture-induced damage
- Ultra-violet resistance
- No visible colour change for the substrate
- No freeze / thaw problems
- Non-tacky finish
- Non-flammable

### TECHNICAL INFORMATION

Appearance : Milky white liquid  
Specific Gravity : Approx. 0.98 @ 28°C  
Viscosity : Approx. 10 sec @ 28°C  
Efflorescent : None

### SURFACE PREPARATION

Surfaces to be treated must be clean, free from dust, dirt, oil, grease, wax, coating material etc. Can be applied on damp surfaces but there must be no water ponding on the surface. Substrates must be sound and all cracks must be thoroughly repaired with CL-Rapid Repair or CL-Non Shrink Grout S190 prior to application. Ensure sufficient curing for the repair product.

### APPLICATION

Apply by brush, roller or airless spray in excessive quantity so that sufficient CL-Water Seal can penetrate deep into the substrate. For spraying method, a distance of 5 – 10cm from the substrate is recommended in order to prevent atomization.

Alternatively, particular on small area with boundary, and let it absorb naturally until saturated. Leave it for at least 24 hours before discharge the remaining. Impregnation is only completed when the substrate is fully saturated with the impregnator solution. This occurs when there is no further absorption within one minute period. Depending on the material porosity, 2 or more applications may be needed to achieve full saturation. Allow 20 – 30 minutes lapse between each application. For less absorptive horizontal area, CL-Water Seal can be poured on it and leave it for 24 hours for optimum penetration.

After the application, leave the treated surfaces for at least 48 hours before opening for foot traffic or wetting the space. Repeat the application process when the waterproofing effectiveness deteriorate after years of usage.

### COVERAGE

Depending on the porosity of the substrate, the coverage is approximately 4 -5 m<sup>2</sup> per litre per coat.

### SHELF LIFE

1 year when stored in cool and dry place, sealed in unopened container.

### PACKING

Available in 1 litre x 10 tins carton, 5 and 20 litre pail.

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Disclaimer: Specification are subject to change without notification.

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