

# **EVO-SEAL**®

## **ECOLOGICAL MASONRY WATERPROOFING SYSTEM BASED ON ADVANCED POLYESTER POLYMER TECHNOLOGY**

### **DESCRIPTION:**

**EVO-SEAL has the ability to penetrate up to 100mm in concrete and will contain efflorescence in all types of low to medium porous masonry permanently**  
**Transparent, water based static/hydrostatic waterproof liquid impregnate tested to 4.1 bar (60psi).**

Non toxic, non-caustic and non-flammable, inorganic polyester polymer formulation. Waterproofs, eliminates rising damp, insulates, hardens and preserves concrete, plaster, mortar and most bricks and natural stone permanently.

Evo- Seal causes a chemical reaction that solidifies the component parts of masonry, concrete and cement mortars into a single mass making it waterproof, highly resistant to acid, oil, fuels, fats and grease. Will prevent dusting, brick fretting, cracking, seepage as it increases the density of the substrate, increases wear capability.

### **APPLICATION FIELDS:**

- All old or new concrete, bricks, blocks, plastering/render and masonry construction.
- Concrete floors, walls, terrazzo and most natural stone. Above or below ground.
- Historical monuments, public buildings and new or old constructions affected by pollution.
- Roads, tunnels, decks, dams, subways, basements, swimming pools.

### **ADVANTAGES:**

- Suitable over weak and old substrates.
- Prevents blistering of paints, does not contain oils or solvents.
- Safe for users and adjacent areas, it does not require special protection equipment.
- Non-corrosive, non-toxic and non-flammable.

- Environmentally friendly. Saves hazardous classified materials transportation cost.
- Problem free bond for paint, floor coverings.
- Will **NOT** harm glass, tiles or aluminium.
- Permanently waterproofs and preserves.

### **SURFACE PREPARATION:**

#### **Fill all holes and cracks**

Clean the surface to be treated to remove dust, grease, salts, or unsound particles and loose or cracked paint, to optimize the penetration of **EVO-SEAL**.

Use **EVO-SALTAWAY** if salts are detected. Remove all traces of **EVO-SALTAWAY with clean water before application of EVO-SEAL**

**ALLOW SURFACE TO DRY AS MUCH AS POSSIBLE BEFORE APPLICATION OF EVO-SEAL.**

### **APPLICATION:**

Apply **EVO-SEAL** by low-pressure spray operating at no more than 20 psi, back-pack or hand-spray ensuring a uniform and homogeneous coverage starting at the bottom and working across the surface and gradually working upwards. It is essential to saturate the substrate.

For vertical surfaces consolidate with a roller. **If using over an existing non-porous tiled or brick area, wipe off any residual product within 10 minutes with a damp cloth.**

**Complete curing 4-5 days before painting or other application**

### **CLEANING:**

Tools and equipment should be cleaned immediately with water after use.

**CONSUMPTION:**

Estimated consumption of **EVO-SEAL** 5 /m<sup>2</sup> per lit.

Consumption depends on porosity, texture and substrate conditions. A preliminary test on-site will determine exact consumption.

**IMPORTANT CAUTIONS:**

- Apply in good weather with air and surface temperatures above 7 °C.
- **DO NOT APPLY TO ANY SURFACE PREVIOUSLY COATED WITH ANY OTHER MATERIALS.**
- NOT DESIGNED TO FILL HOLES OR SIZABLE CRACKS.
- IF PRODUCT IS **NOT** ABSORBED IT SHOULD **NOT** BE APPLIED

**PACKAGING:**

**EVO-SEAL** is supplied in 2lit, 5lit, 20lit and 200lit containers.

**STORAGE:**

Twelve months in its original unopened containers, in a dry and covered place protected from frost, with temperatures ranging from 4 °C. To 38 °C

**SAFETY AND HEALTH:**

**EVO-SEAL** is a non-flammable and non-corrosive product but eye and skin contact must be avoided. Use gloves and safety goggles. In case of eye contact, thoroughly clean with clean water but do not rub. In case of skin contact, wash affected areas with water and soap. If irritation persists, seek medical attention.

**TECHNICAL DATA:**

**WARRANTY:** 10 year manufacturer

<b>Characteristics of the product –Non-Toxic-Non-Flammable-Non-Caustic</b>	
Appearance	Translucent Liquid
Vapour	(air+1) -N
Specific Gravity	(water=1)1,34@ 20 °C
pH	Approx. 6
Minimum application temperature (°C)	> 7
Solubility/Evaporation Rate	DILUTABLE-(BAC=1) same as water
Flash point/Boiling Point/Freezing Point	Non-flammable-Same as Water
Estimated consumption per treatment*	1 lit 5-7/m <sup>2</sup>

\* Depending on absorption, texture and substrate conditions as well as application method.

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