

# ***EVO-DAMPSEAL***®

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

### **DESCRIPTION:**

#### **SPECIFICALLY DESIGNED FOR THE PAINT INDUSTRY**

#### ***EVO- DAMPSEAL***

**Waterproofing system and salt prevention under acrylic and enamel paint coatings. Up to 100mm penetrating green, water based static/hydrostatic impregnate tested to 4.1 bar (60psi).**

Non- toxic, non-caustic and non-flammable, inorganic polyester polymer formulation. Waterproofs, insulates, hardens and preserves Brick, render, mortar and most natural stone permanently.

Evo Dampseal causes a chemical reaction that solidifies the component parts of pre-cast block, masonry, concrete and cement mortars into a single mass, high resistance 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, plastering/render and masonry construction.
- Concrete floors, walls, terrazzo and most natural stone. Above or below ground.

### **ADVANTAGES:**

- Prevents **saponification** of paints, does not contain oils or solvents. Prevents blistering from moisture and efflorescence. Suitable for **Acrylic** or **Enamel** coatings
- Safe for users and adjacent areas, it does not require special protection equipment to apply.
- Non-corrosive, non-toxic and non-flammable.
- Environmentally friendly. Saves hazardous classified materials transportation cost.
- Problem free bond for paint and floor coverings.
- Permanently waterproofs and preserves.
- Suitable over weak and old substrates.

### **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- DAMPSEAL***

Use ***EVO-SALTAWAY*** if salts are detected.

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

### **APPLICATION:**

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

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

### **CLEANING:**

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

### **CONSUMPTION:**

Estimated consumption of ***EVO- DAMPSEAL*** 5 /m 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.**
- **AS EVO DAMPSEAL CONTAINS A PERMANENT DYE SOLUTION, PROTECT ALL SURFACES AROUND APPLICATION.**
- Will **NOT** fill holes or sizable cracks.
- **IF PRODUCT IS NOT ABSORBED IT SHOULD NOT BE APPLIED**

**PACKAGING:**

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

**STORAGE:**

**TECHNICAL DATA:**

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- DAMPSEAL** 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.

**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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