

EVO-BLOCKSEAL®

ECOLOGICAL MASONRY WATERPROOFING SYSTEM BASED ON ADVANCED POLYESTER - POLYMER / ACRYLIC TECHNOLOGY

DESCRIPTION:

EVO-BLOCKSEAL- Polyester polymer/high density acrylic formulation, inorganic transparent water based impregnate.

Non toxic, non-caustic, non-flammable, Waterproofs, insulates, hardens and preserves concrete blocks and high porous natural stone permanently.

Evo Blockseal causes a chemical reaction that solidifies the component parts of pre-cast block and large pored masonry, concrete and cement mortars into a single mass making it waterproof, resistant to acid, oil, fuels, fats and grease. Will prevent dusting, cracking and efflorescence as it increases the density of the substrate and increases wear capability.

APPLICATION FIELDS:

- Old or new concrete blocks, porous sandstone masonry used in block wall construction.

ADVANTAGES:

- Suitable over weak and old substrates.
- Masonry penetrating saturant.
- Prevents saponification of paints, does not contain oils or solvents.
- Prevents efflorescence.
- 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 costs.
- Problem free bond for paint.
- Can be rendered or plastered
- Will not harm glass, tiles or aluminium.
- Permanently waterproofs and preserves.

SURFACE PREPARATION:

Preparation of the surface

Fill all holes and cracks

Remove efflorescence with Evo Saltaway

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

It is critical that missing mortar and cracks are repaired prior to application with a suitable cement repair mortar if applying negatively.

Surfaces to be treated must be clean and can be applied mildly damp to optimum dry.

APPLICATION:

Apply **EVO-BLOCKSEAL** 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. It is essential to saturate the substrate.

APPLY a second application after 2 hours and repeat procedure until the structure is full to the surface.

Complete curing 4-5 days @ 25 degrees C

CLEANING:

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

CONSUMPTION:

Estimated consumption of **EVO-BLOCKSEAL** is approximately 3-4 /m² per litre

Consumption depends on porosity, texture and substrate conditions. A preliminary test on-site will determine exact consumption as all surfaces are different absorption rates.

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** BEING ABSORBED IT SHOULD **NOT** BE APPLIED.
- Prior surface testing is recommended with a water splash test

PACKAGING:

EVO-BLOCKSEAL is supplied in 5lit, 10lit, 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-BLOCKSEAL 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

Characteristics of the product –Non-Toxic-Non-Flammable-Non-Caustic	
Appearance Vapour	Milky White Liquid (air+1) –N/A
Specific Gravity	(water=1)1,34@ 20 °C
pH	Approx. 7
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 4-5/m²

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

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