

# -SEALTIGHT

## **ADVANCED WATERPROOFING SYSTEM BASED ON A SCIENTIFIC BLEND OF INGREDIENTS - ENVIRONMENTALLY FRIENDLY**

lines, holes, spalling concrete, we recommend the use of Drizoro Foundation/Flex

**ALLOW SURFACE TO DRY AS MUCH AS POSSIBLE.**

### **APPLICATION:**

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

Allow **SEALTIGHT** to cure and penetrate for a period of about 12-24 hours.

**If Maxsealflex/Maxseal/ Foundation is to be applied, apply immediately while SEALTIGHT is still wet.**

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

### **CLEANING:**

Clean tools and equipments immediately with water after use.

### **CONSUMPTION:**

Consumption of **SEALTIGHT** 5 /m<sup>2</sup> per lit.est. A preliminary test on-site will determine exact consumption. Consumption depends on substrate conditions

### **DESCRIPTION:**

**SEALTIGHT**- is not a surface coating, but a penetrating colourless, inorganic transparent liquid-NON-TOXIC, non-caustic, non-flammable, inorganic scientific formulation.

It permanently waterproofs, insulates, hardens and preserves concrete, plaster, mortar and most natural stone.

The scientific formula causes a reaction that solidifies the component parts of pre-cast block, masonry, concrete and cement mortars into a single mass making it waterproof, resistant to acid, oil, fuels, fats and grease. Increases the density of the substrate, increases wear capability, will prevent dusting, brick fretting, cracking, seepage.

### **APPLICATION FIELDS:**

- All masonry construction old or new concrete, bricks, blocks, plastering/render.
- Above or below ground. Concrete floors, walls, terrazzo and most natural stone.
- New or old constructions affected by pollution, monuments, public buildings and roads, tunnels, basements, swimming pools decks, dams, subways.
- For sealing **Showers** and other wet areas.

### **ADVANTAGES:**

- Protects weak and old substrates. Prevents blistering and deterioration of paints, does not contain oils or solvents.
- Does not require special protection. Safe for the user and environment.
- Non-corrosive, non-toxic and non-flammable.
- NOT classified as hazardous material. Environmentally friendly.
- NO bonding problem for paint, glue, render.
- NO harm to aluminium, glass, tiles etc.
- Permanent waterproofing, preservation and protection.

**SURFACE PREPARATION: Fill all holes and cracks**

Remove dust, grease, unsound particles and loose or cracked paint, to optimize the penetration of **SEALTIGHT**  
Clean the surface to be treated if **SALT** is present – use **SALTRID to remove**. The use of **BLUEE - POWERCLEAN** is recommended. If substrate is in bad condition i.e. missing mortar

**IMPORTANT CAUTIONS:**

- Apply with air and surface temperatures above 7 °C. in clear weather
- DO NOT APPLY TO SURFACES PREVIOUSLY COATED WITH SILICONE OR SOLVENT BASED MATERIALS.
- Will NOT fill missing mortar, holes or sizable cracks.
- If substrate will NOT ABSORB WATER or **SEALTIGHT**, DO NOT APPLY.

**Important CAUTION:**

SEALTIGHT is not a surface treatment but a concentrated saturant which will penetrate any porous surface. If the surface absorbs water it will absorb SEALTIGHT

CONTINUE DATA SHEET BELOW

Should not be applied to any surface with a previous coating of silicone, siloxene or solvent-based material.

**PACKAGING:**

**-SEALTIGHT** is supplied in 2lit, 5lit, 20lit and 209 lit 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:**

**-SEALTIGHT** 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

**SEALTIGHT IS A PENETRATING PRODUCT.**

***If you see that is not being Absorbed.***

***It should not be applied.***

**Select a small test area, if water/sealer does**

**NOT penetrate the surface**

**DO NOT APPLY.**

**If sealing grout lines, remove any overspray from**

**surrounding areas immediately.**

Any surface excess must be spread over other areas NOT saturated or removed using a sponge or mop within 3 minutes.

Any spillage, overspray or excess surface application or application to NON-Porous material (glazed tiles etc.)

**MUST be removed immediately.**

To paint over a Sealtight treated area use only a good quality acrylic, oil-base, epoxy or urethane paint.

**Do not use latex or rubber based paint.**

**TECHNICAL INFORMATION**

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

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 -same as water

Flash point/Boiling Point/Freezing Point Same as Water -Non-flammable-

Estimated consumption per treatment\* 1 lit 4-7/m<sup>2</sup>

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

**Guarantee**

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory

testing and from bibliographic material. **Scientific**

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the jobsite must be done, and it will be carried out under the client responsibility. We shall not accept responsibility

exceeding the value of the purchased product. For any other doubt, consult our Technical Department. This version of

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### **What makes SEALTIGHT different to other sealers?**

-SEALTIGHT is different from other sealers because it is made to an environmentally safe Scientific Formula using proprietary ingredients that once in the concrete fills the pores and blocks moisture from coming through the matrix.

Other sealers are either silicones or derivatives such as silanes or siloxanes which are only surface sealants and therefore subject to wearing and weathering and cannot be coated or painted afterward. Sealants that contain silicates or siliconates tend to migrate out of the concrete or masonry substrate. The remaining sealers contain hydrocarbons which are solvent based surface sealers that are toxic and contain high levels of VOC (volatile organic compounds)

SEALTIGHT is very different from other sealants because of its deep penetrating ability (2-4") as well as the fact that it is non flammable, non toxic and extremely low in VOC's.

Because -SEALTIGHT is a not a surface sealer it will not wear or weather away over time, instead it becomes part of the concrete matrix and actually increases its strength therefore protecting it from future spalling (flaking or deterioration of the concrete).

-SEALTIGHT dries clear with no sheen and will not discolour the surface in any way. Yet, it will provide a good chemical bond to any quality acrylic paint, urethane or epoxy coatings if an additional surface coating is needed in order to change the colour or provide a sheen.

-SEALTIGHT also helps surface paints last longer as it encapsulates the alkali inherent in concrete which attack surface coatings. Also reduces efflorescence and vapour emission from rising to the surface.

An ideal salt block when applying MAXSEALFLEX.