

DRIZORO®

Construction Products

ISO. 9002 & ISO 14001

REMOVING EFFLORESCENCE & WATERPROOFING



SWP SCIENTIFIC
WATERPROOFING
PRODUCTS

Unit 4/92 Bryant Street, PADSTOW NSW 2211

Telephone: +61 2 9771 0011

NATIONAL HOTLINE: 1300 303 301

Email: admin@swppl.com.au

Web: www.scientificwaterproofingproducts.com.au

ABN: 155 659 948



Specs:26.125ASpecs21

Treating efflorescence and salts for adhesion of Maxseal Flex to a brick or concrete substrate.

Products required

- EFFLORESCENCE RID
- ULTRA BLOCKSEAL or SEALTIGHT
- MAXSEAL FLEX or MAXSEAL FLEX M
- MAXMESH

Method

- 1.** Prepare area to be treated by removing any loose materials and existing salt deposits ensuring a clean and sound porous surface (pressure water blasting prior to application is recommended).
- 2.** Using a low-pressure sprayer, apply EFFLORESCENCE RID, wait for foaming to stop, re-apply EFFLORESCENCE RID as many times as required, until foaming no longer occurs upon spraying.
- 3.** Wash surface with clean water.
- 4.** Allow surface to dry before application of ULTRA BLOCKSEAL or SEALTIGHT, using the lowpressure sprayer
- 5.** Brush apply 1st coat MAXSEAL FLEX or MAXSEAL FLEX M while substrate is wet with ULTRA BLOCKSEAL or SEALTIGHT.
- 6.** Embed MAXMESH into this 1st coat, lightly over- coating the MAX MESH with MAXSEAL FLEX or MAXSEAL FLEX M.
- 7.** Allow MAXSEAL FLEX to cure for 14 hrs. min, and MAXSEAL FLEX M to cure for 6 hrs. min.
- 8.** Thoroughly wet surface with water, brush apply a 2nd coat of MASEAL FLEX or MAXSEAL FLEX M.

Note – *This information is based on information from the manufacturer and from our own experience. The information contained in this specification should be used in conjunction with the appropriate technical data bulletins and material safety data sheets available from our office or website.*



**Don't just waterproof it...
DRIZORO it!**
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EFFLORESCENCE RID®

SALTRID is a unique scientifically developed industrial strength salt (efflorescence) remover specially designed to effectively remove efflorescence in industrial, commercial and residential situations.

The formulation contains no solvents or other aggressive chemicals, has no harmful effects on the environment and is non-flammable, non-carcinogenic, biodegradable and non-hazardous.

Uses

- General removal of efflorescence.
- Removing Salt from and new or old constructions affected by efflorescence, historical and public buildings.
- Walls, floors suffering efflorescence Masonry, brick, block structures.

Advantages

- Dissolves efflorescence deposits, allowing removal
- User friendly, it does not require special protection equipments. Does not harm surrounding areas.
- Environmental friendly non-corrosive and non-flammable. Saves costs, not regarded as hazardous for transportation.
- Does NOT contain aggressive acid and basic cleaners.

Application

Apply by low pressure pump spray ensuring a uniform and homogeneous coverage. Foam appears when efflorescence is present. Apply until "FOAM" begins to appear.

Wait 5-8 minutes, mechanically agitate and re-apply as required, use zero pressure washer to remove efflorescence. Continue to apply SALTRID to areas where foam appears and until foam no longer forms. Rinse area thoroughly with water.

Apply SEALTIGHT to prevent further salt formation

Packaging

2 litre, 5 litre, 10 litre, 20 litre & 209 litre containers.



SEALTIGHT®

Advanced waterproofing system based on a scientific blend of ingredients that is a penetrating colourless, inorganic transparent liquid.

It permanently waterproofs, insulates, hardens and preserves concrete, plaster, mortar and most natural stone and makes it resistant to acid, oil, fuels, fats and grease and increases the density of the substrate, increases wear capability, will prevent dusting, brick fretting and cracking.

Uses

- All masonry construction old or new concrete, bricks, not Besser blocks, plastering/render.
- Above ground, not recommended for below ground.
- Concrete floors, walls, terrazzo and sandstone and most natural stone.
- New or old constructions affected by pollution, sealing monuments, public buildings and roads, tunnels, basements, swimming pools decks, dams, subways.
- For sealing showers and other wet areas or sealing substrates prior to painting – rising damp barrier.

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.

Important Caution

SEALTIGHT is a concentrated saturant that will penetrate any porous surface. Select a small test area, if water/sealer does NOT penetrate the surface DO NOT apply. DO NOT apply to any surface with a previous coating of silicone, siloxene or solvent-based material.

Packaging

2 litre, 5 litre, 10 litre, 20 litre & 209 litre containers.



ULTRA MASONRY[®] BLOCK SEALER

A penetrating water dispersed polyster polymer, water-borne polyurethane and acrylic that when dry fills the voids and coats the interior particles of the matrix leaving a slight sheen.

Uses

For industrial , commercial and residential use on sidewalks, driveways, parking decks, floors, ramps, walls, brick, pavers, stucco, cinder block and stone.

Advantages

Non – flammable * Non -Toxic *Easy Water Clean-up * Low V.O.C.s

Surface Preparation: Clean all dirt, oil and grease off surface. Surface to be dry before applying.

Application

Apply with a low pressure sprayer. Ultra should be applied liberally to allow the surface to drink as much as possible without leaving puddles. Back roll to even out the material and to remove any puddles in low spots.

Coverage

4-5m² per/ltr

Packaging

2 litre, 5 litre, 10 litre, 20 litre



MAXSEAL FLEX®

A flexible waterproof coating for concrete, masonry blocks, prefabricated panels, bricks and medium to low porous surfaces.

Uses

- Waterproofing & protection of potable water tanks, swimming pools and reservoirs.
- Waterproofing basements subject to water pressure.
- Internal & external waterproofing of new and old buildings.
- Waterproofing walls, foundations, underground passages and floors.
- Waterproofing & protection of civil works such as tunnels, irrigation channels, dams, retaining walls and water treatment plants.

Advantages

- A flexible waterproof coating.
- Covers shrinkage & hairline cracks.
- Permeable to water vapour, allowing the substrate to breathe.
- Resistant to abrasion, dust free.
- Resistant to atmospheric pollution, corrosive effects of salt water and freeze/thaw cycles.
- Resists hydrostatic pressure from ground water when used for underground applications.
- Excellent adhesion and easy to use.
- Non-toxic. Chloride free. Suitable for potable water.
- Longer lasting than other coatings, saving on maintenance costs.

Surface preparation

The surface to be coated must be solid and clean, free of all traces of paint, efflorescence, loose particles, grease, oils, plaster etc. All cracks must be opened at least 15mm deep and sealed with MAXREST, or with MAXPLUG in the case of flowing water. Wet the surface with water before coating. Avoid leaving any excess water prior to the application of MAXSEAL FLEX. CAUTION: If any efflorescence is suspected prior to application of Drizoro coatings on the negative side of the substrate please contact Scientific Waterproofing Products for advice.

Mixing

MAXSEAL FLEX is supplied as two pre-weighted components. Pour powder, component B, into a pail containing the resin, component A, mix with a low speed mixing drill until a homogenous mixture is achieved.
DO NOT ADD WATER.

Application

ENSURE SURFACE IS WET BEFORE APPLYING FIRST AND SECOND COAT.

Apply two coats, using 1 to 1.5kg per square metre of MAXSEAL FLEX per coat and allow a minimum of 16 hours and a maximum of 3 days between applications. Ensure that the second coat is applied perpendicular to the first. It takes 7 days for the product to cure completely. It is then ready to withstand permanent contact with water. The pot life of the mixture depends on the temperature, from 30 minutes to 1 hour.



Colours

MAXSEAL FLEX is available in standard grey & white.

Packaging

35kg kit, 7kg kit
& 14kg Handi-pack kit.

CAUTION:

When treating efflorescence ensure that first coat of Maxseal Flex is applied directly to the Sealtight/Ultra Block immediately after spraying do not allow surface to dry – wet first coat with water before application of second coat of Maxsealflex.

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