

Evarox

masonry waterproof sealer

Description & Uses:

Evarox is an economical and versatile cement based non-flexible waterproofing slurry system that is supplied ready for use and requires only the addition of clean water. It may be applied by either brush or trowel. Evarox consists of a blend of waterproof cements, marble dust, silica & active chemical additives. It provides a permanent waterproof skin on concrete, plaster and brick surfaces. It may be used on both new and existing structures on either the positive or negative side. Evarox prevents water seepage in new masonry structures & remedies damp problems in existing ones - suitable for application in basements; tunnels; dams; foundations; reservoirs; ponds & pools; supporting walls & underground structures.

Evarox in addition to waterproofing qualities - eliminated the need for conventional plaster and paint since it provides an attractive naturally aged & mottled rustic finish.

NB: Evarox must not be exposed to backwater pressure, running water or rain, until it has fully set. The treated surface must be protected from heat and wind. Drying should be as slow as possible.

Since this system is based on a chemical reaction taking place inside the concrete, some moisture penetration can be expected until voids are sealed by the crystallization process.

Advantages:

- Easy to use
- Watertight
- Ideal for submerged or subterranean waterproofing
- Excellent adhesion
- Good abrasion resistance
- Non-toxic
- Oil resistant
- UV stable

Surface Preparation:

1. Evarox is designed for use on porous, absorbent surfaces.
2. Ensure surface is free of loose particles, dirt, mould, dust, grease & oil. If need be use a good quality cleaner like Evaklenz604WB water based degreaser and cleaner to ensure the surface is completely clean.
3. Open up all cracks to ensure good adhesion to surface. Large cracks and honeycomb should be given a thin coating of Evarox slurry. They should then be filled with a quality cement filler like Evafill all-purpose crack filler prior to applying Evarox.



Bonding/Priming:

No primer required.

Mixing:

N.B - May be mixed by hand or mechanical mixer and should be continued until an homogeneous, lump-free product results.

In manual mixing, lumps may be broken down with the gloved hand. On completion of mixing, material must be used within 30 minutes. Never attempt to reconstitute by further dilution, mixed material that has become too stiff to apply.

1. Add 1kg powder to 450ml Water. Always add the powder into the water and never vice versa.
2. Stir well to a smooth paste.
3. Allow to stand for 5 min before using - Remains workable for up to an hour depending on weather conditions

Application Instructions:

N.B - Any surface to be treated with Evarox must be fully saturated beforehand and allowed to soak thru. Application must be applied in 2 coats.

1. Apply Evarox by using a suitable brush ensuring thorough coverage. Take care to thoroughly cover pin holes & small cracks.
2. As soon as the coating is visibly dry, cure by spraying with a fine mist of water. Repeat this 1 or more times as this minimizes powdering and chalking. In hot weather is it advisable to cure the applied area more frequently.

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3. Apply the 2nd coat approximately 8 hours after the 1st coat as cured.
4. Give the dry 1st coat a light spray of water before applying 2nd coat.

Setting Time:

Evarox has a setting time of approximately:

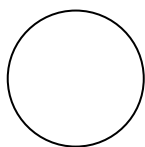
Initial setting	45 minutes
Final setting	4 hours

Filling Swimming pools, Ponds & Water features/Reservoirs

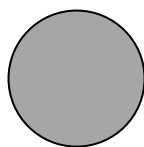
1. Remove all excess powder.
2. Thoroughly hose down the coated surface a few times – at least 24 hours after the 2nd coat has cured.
3. Mop up thoroughly and repeat.
4. Fill up with clean water.

Colours:

Available in 2 colours



White



Grey

Toxicity:

Evarox is non-toxic & therefore not harmful to human, animal or plant life. The Water must be free of any excess powder & allowed to age sufficiently & chemically treated before introducing fish or plants. Consult your professional fish supplier in this regard.

Swimming pools should be properly maintained at all times – all chemicals MUST be added via the pool weir. pH levels must always be within range.

Appearance:

Free flowing powder

Coverage:

Approx. 500g of Evarox slurry mix/sq.m/per 2 coats

Shelf life:

12 months

Packaging:

2kg re-sealable packs
5kg re-sealable packs

Clean up:

Tools, brushes & mixing equipment should be cleaned immediately after use and before material has set with detergent and clean water.

Temperature & Relative Humidity:

Do not apply Evarox if temperature is below 5°C.

Packing Density:

1.1 – 1.3 g/cm³

pH:

10.0

Water up take:

40-50ml/100gr

Total Moisture Content:

5,5 – 6,5% wt/wt

Safety:

Product safety information required for safe use is not included. Before handling, read product safety data sheets and container labels for safe use, physical and health hazard information. The safety data sheet is available from your Evachem Construction Chemicals (Pty) Ltd sales representative.

Safety should always be a priority when working with materials and tools - Avoid contact with eyes - Do not ingest or inhale.

Environment:

Always recycle when able to.

Do not put materials in drains or waterways.

Technical Information:

We provide free comprehensive technical back-up service on all of our products and we guarantee that our products will comply with the technical properties detailed in their specific Technical Data Sheets issued by ourselves.

To the best of our knowledge and belief, this information is true and accurate. As the conditions of use and any labour involved are beyond our control, the end-user must satisfy himself by prior testing that the product is suitable for his specific application.

Products are sold subject to our Standard Conditions of Sale.

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