

brix seal 120

NEW HI-TECH CHEMICAL WATERPROOFING TREATMENT

DESCRIPTION

Brix seal is a unique surface applied waterproofing compound, which withstands the most severe leakage situations, when mixed with water and applied on leaky concrete surfaces. Chemicals in brix seal penetrate deep into water bearing capillaries react with cement particles and form insoluble crystals, which totally and permanently block the passage of water.

Further, it remains in the body of the concrete as a catalyst to reactivate the crystallization process whenever water enters the structure through newly formed capillaries.

Typical Application

- Concrete water tanks
- Lift Wells and inspection pits
- Sunk slabs of bath rooms & toilet
- Basements
- Lift wells and inspection pits
- Underground structures

SURFACE PREPARATION

Clear away any accumulated water, inspect the structure closely to determine that existing walls and floors are sound. Any cracks must be static (otherwise special watertight movement joints will have to be formed). Rectify all defects prior to commencing waterproofing and ensure the substrate is sound.

Surface to be treated must be free from dust, oil and grease.

Remove film of any curing compound, mould release agent, oil or any other surface treatment.

Brush down and clean the entire surface leaving a sound substrate, which provides adequate bonding.

Static cracks greater than 1mm in width must be chased out to "V" shaped groove and filled with seal modified mortar and cured.

BRIX SEAL MODIFIED MORTAR

All surfaces, which are not damp, must be rewetted more than once to saturate the substrate.

Brix seal modified mortar is made by mixing brix seal, cement and sand in the proportion of 1:1 first dry mixed and then water added to it to get a normal consistency mortar, brix seal modified mortar should be used within 20 minutes of mixing.

APPLICATION

Mix brix seal with water in the proportion of 2.5 volumes of brix seal to 1 volume of water to get a creamy slurry and brush apply on the water saturated, wet concrete surface in two coats. Second coat of brix seal is applied within 20 minutes after mixing.

Apply a plaster or screed of cement sand mortar admixes with brix plast over the treated surface when the second coat of brix seal is still green and tacky and cure the plaster normally.

In areas which are not subjected to foot traffic and appearance is unimportant the plaster coat or screed can be omitted and the treated surface can be cured normally. But such surfaces re not suitable for painting or subsequent decorations.

HEALTH AND SAFETY

Inhaling of brix seal should be avoided by minimizing dust formation and preferably light masks should be used if excess dust is present. Brix seal contains hygroscopic (absorbs water) chemicals, which itches the skin if in contact for a long time, while applying it, gloves should be worn to avoid continuous contact with skin.

COVERAGE

Depends on porosity of the surface to be treated. For two coat application an average of 8-10 sft per kg of brix seal is achievable.

PACKING

Is supplied in 20kg and 50 kg bags

SHELF LIFE

12 months if stored in original sealed packing. Store in dry conditions away from direct sunlight.

QUALITY ASSURANCE

brix products are manufactured under strict quality control measures as per manufacturing specifications. If the behavior of the product is varying from the claims in the data sheets stop the use of the product and contact the nearest **brix** representative.

