



RADMYX™ LIQUID

Radmyx™ liquid is a liquid capillary waterproofing system for waterproofing concrete structures such as hall floors, car parks, basements and water tanks etc.

Through the process of osmosis, the active components in Radmyx™ liquid react with the hydration components of the cement to form a continuous barrier of insoluble crystals deep within the capillary structure of the concrete. These crystals block the passage of water while allowing the transfer of air and water vapour so that the structure can breathe.

Radmyx™ liquid is equally effective against both positive and negative water pressure.

Complete waterproofing is usually achieved 5 - 7 days after application. After the crystallisation process has successfully sealed the structure, the active components in Radmyx™ liquid remain active in the concrete. Any subsequent contact with water reactivates the sealing process.

Radmyx™ liquid can be mixed into the liquid concrete or as a sealing slurry when mixed into commercially available mortar instead of water. This sealing slurry can simply be plastered or painted on. There are significant advantages, particularly in the renovation of buildings or old buildings, as this product can be applied directly to damp walls. These walls are sealed directly and the active components of Radmyx™ liquid penetrate deeper and deeper into the wall over time and seal the wall further and further.

Advantages of Radmyx™ liquid

- It provides simple, effective, durable waterproofing
- It increases the compressive strength
- It reduces permeability
- Reduces shrinkage cracks
- Reduces the need for water
- Unlike membranes, Radmyx™ liquid cannot peel off or be punctured.
- Can also be used as a waterproofing slurry on damp walls

Dosage/mixture

If Radmyx™ liquid is used as an additive, it is added to the wet concrete at a ratio of 2.5 litres per m³ and mixed. As a sealing slurry, Radmyx™ liquid is added to the dry mortar instead of water. The quantity depends on the product used. The manufacturer's mixing ratios must be observed.

Restrictions

Radmyx™ is not suitable for waterproofing or for applications exposed to thermal loads where cracks larger than 0.3 mm occur. Use Radcon Formula #7 for such applications.

Radmyx™ is not suitable for sealing dynamic cracks or expansion joints. Use elastomeric joint sealant for these applications.

Shelf life and storage

Radmyx™ liquid has an unlimited shelf life in sealed original containers.

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