

Quick Proof

Product description:

Quick Proof is a very powerful cement-based isolating material that completely stops water penetration through concrete and mortar.

The idea behind **Quick Proof** action is a chemical reaction between **Quick Proof** and calcium carbonate found in cement to produce calcium silicate (i.e., crystal-like particles) that fills voids in concrete or mortar and perfectly prevents water seepage. **Quick Proof** penetrates the body of the isolated structure to a depth of about **0.7 ~ 1.0 cm**. it makes this thickness a **100%** shield against water penetration.

Technical specifications

Product Form	Cement powder
Product Color	Gray / (white by demand)
Water/Quick proof ratio	50% - 65%
Time Gap between 2 coats	30-40 min [in summer] 60-75 min [in winter]
Coverage Rate	1 kg/1m ² /1Coat
Package	20 kg plastic sack
Shelf-life	12 months

Scope of use:

Quick Proof is an excellent choice for isolating:

- Olympic swimming pools
- Big fountains and land escapes
- Large Aqua Parks
- Sewage Stations
- Water Canals and Harbors
- Dams & water tanks
- Cementitious pipes that carry water under high pressure
- Marine constructions

Advantages

Quick Proof application on cement surfaces results in having a mortar or concrete surfaces that are perfectly 100% isolated against water and humidity.

- **Quick Proof** provides excellent cohesion on porous or non-porous surfaces
- **Quick Proof** has high flexibility, adhesion with the back surface
- **Quick Proof** resists the friction caused by the movement of workers and light trucks
- **Quick Proof** resists the impact of Carbon dioxide and chlorides ions effectively
- **Quick Proof** is over – paintable. applying decorative materials over it after painting and drying is easy and safe.
- unlike other traditional paints which need 7 – 28 days for curing **Quick Proof** can be applied as a paint directly on concrete surfaces or mortar after **24** hours



Applications:

First: prior to applying **Quick Proof** the served surface should be free from (dust, sands, grease, oils, wood or metal slabs, or any painting materials). Surface also Should be splashed with water very well 5 minutes before the painting process to moisturize concrete or cement surfaces especially in summer and hot weather. This is very important to increase the efficiency of painting and Enhance **Quick Proof** penetration into capillary pores of the cement surface.

Second: Painting

Add **12-13** liters of **water** to each **20 kg** of **Quick Proof** and mix well in a clean, dry container [mechanical mixing recommended]. Then apply **2** perpendicular coats using suitable brush with a gap time between 2 coats of 30-40 minutes in summer and 60-75 minutes in winter. Then allow 24 hrs. before using this isolated surface.

Important notes:

- In summer and hot weather, after painting the second coat hair cracks might be noticed on the isolated surface. This does not affect the isolation process provided that the above-mentioned procedures or application instructions are applied carefully.
- **Quick Proof** is all-in-one material and does not need any more additives

Safety and health instructions:

- **Quick Proof** sacks should be kept in a cool dry place away from direct sunlight.
- Avoid contact with the eye. If occurred, wash eyes carefully with water and consult a physician.
- Gloves should be worn to avoid skin irritation.