

MEGA PROOF SUPER

Cement Based , Factory Made Dry Mix Slurry
Capillary Waterproofing For Concrete And Mortar

DESCRIPTION

MEGA PROOF SUPER is a cement based, factory made one component waterproofing slurry, it consists of a blend of selected cement, well graded silica aggregates and moisture activated chemicals , which mixed only with water for sealing surface against positive and negative water pressure .

RANGE OF APPLICATION

- **MEGA PROOF SUPER** is one component hydraulic surface sealing agent ready for use.
- Serves to seal interior and exterior surfaces against pressing water for reservoirs, tunnels, underground car parks, shafts ,etc.
- Is suitable for sealing basement , retaining walls ,filtering tanks , drinking water tanks , dams , harbors , sea defense walls , concrete pipes , etc.

BENEFITS

- * Durable , Non – toxic
- * Resists both positive and negative water pressure .
- * Provides permanent water proofing by forming an integral part of the substrate.
- * Will not delaminate , peel off or wear away .
- * Water vapor permeable, enabling the structure to breath .
- * Crystalline action will reactive when it contacts with water .
- * Protect the concrete and reinforcement steel against corrosive waterborne substances

CHARACTERISTICS

MEGA PROOF SUPER has a high sealing and waterproofing power even at low film thickness which makes this product very cast effective, binds salts which would otherwise be detrimental to the building structure .

SURFACE PREPARATION

The surfaces must be clean , free from dust , oil , etc.. Fill all voids defective , spots and cracks with **MEGA BOND SBR** mortar, Mortise all spacer , spreaders and wires down to 2 cm and trowel with **MEGA BOND SBR** mortar . Remove all loose plaster and paint coating .The pores of concrete surface must be open and free from forming oil and cement residue .

STRENGTH in Construction

APPLICATION

- * Pre-dampen all dry surfaces thoroughly with water before starting your application .
- * Mix one part of water to 2.25 – 2.50 parts of **MEGA PROOF SUPER** powder by volume .
- * Mix only sufficient quantity that you can use in 20 minutes .
- * Apply two coats by brush or trowel .
- * At least two procedures are necessary to make **MEGA PROOF SUPER**, more procedures are possible. The minimum coat thickness of 2 mm must be observed. The maximum coat thickness depended on the stresses caused by pressing water to be expected.
- * Can be finished with any type of paint

TECHNICAL INFORMATION

Material basis	Mineral binding agents and additives	Color and Appearance	Gray or colored powder
Workability	Approx.30 minutes	Bulk density (solid mortar)	1.80 kg/l
Minimum thickness	2 mm	Bending and tensile strength	8.50 N/ mm2
Pressing water density	Up to approx. 3 bar (30 m height) at 3 mm coat thickness	Compressive strength	47.00N/ mm2
Consumption	Approx. 1:1.5 kg /m2/ mm of coat thickness	Storage	Dry on wooden pallets

PACKAGES

25 Kg Sacks

STORAGE

6 months in sealed packs, under suitable storage conditions.

TECHNICAL SERVICES

For further information, on-site assistance and trails, Please contact our technical advisory services.