

PRODUCT: CEMENT PROOF THERMAL

DESCRIPTION

RESIN FOR KNEADING OF CEMENTS, CONCRETES AND PLASTER with thermal properties. Resin in aqueous solution formulated to create surfaces waterproofing membranes, which can become elastic and lengthen.

TECHNICAL DATES

Density	~0,95 g/cc.
Dry to the touch	6 hours.
Frost stability	Right
Re-paint	6-12 hours.
External resistance	Aliphatic. UV resistance.
Saponification resistance	Optimal.
Adherence	Depends on surface.
Finish	Semi-gloss to 40%.
Range of use	20% to 80% the weight of the solid.
Performance	1.5 to 3 Kg/m².

APPLICATION

CEMENT PROOF THERMAL is developed to waterproofing and thermal insulation of cement bases in all phases of new construction and repairs old constructions. The result is a cement product; union between cement layers and their performance are optimal. It waterproofs and insulates pressure and counter pressure.

According to dosage we can get from a waterproofing membrane that supports the structural movements to elastic, foldable and lengthen membrane. Following layers of different dosage of mixture can create dynamics links between different cement materials thus avoiding further cracks and false adherence between different layers of variety cement and no cement materials. Mixing tails surfaces we get a bonding of great flexibility, thus optimizing the performance outdoor where there are temperature changes. In these cases, the concrete should also be mixed, so that these joints absorb dilation and contraction of the tile or similar.

It uses with native concretes get a competitive final product, reduced duties when it imports as a raw material, because it needs to mix with other material to be used.

It has high traffic resistance. It forms a membrane with great durability to the outdoors and continuous moisture atmosphere. It can use to waterproof ponds, pools, backgrounds, flat roofs. It is possible chromatic range. It has tack free.

HOW TO USE

In a container, we put the 80% of CEMENT PROOF THERMAL that we use in the mixture. Add total solid (MORTAR), little by little, with mechanical stirring. Mix until there are not lump. Add the remaining 20% of CEMENT PROOF THERMAL and stirring slowly until its total mixture. Let stand 3 minutes mixture and stirring again.

Live of the mixture (20 degrees): 1 hour. If the mixture is thickness, you need to beat mechanically without adding any liquid because recovers it.

These dates are specified for a mixture ratio of 28% of resin. (Solid (MORTAR): 25Kg + CEMENT PROOF THERMAL 10 Kg = total 35Kg).

The goal is to beat mechanically a dense plaster and remove all the lumps, after that, add the rest of the CEMENT PROOF THERMAL to get the viscosity of application in each case. Mass resultant should be applied on surfaces with a minimum cohesion of 1 N/cm². To provide a good drying and adherence, we need to use as a primer our TOP PRIMER, (minimum 4 hours drying). This will avoid cracks by extreme drying.

It is applied with brush, roller or spray.

STORAGE

Correct storage in it original container at temperatures between 5 y 40 °C. No storage more than twelve months.

SAFETY INFORMATION

CEMENT PROOF THERMAL is not toxic or flammable. Use without special safety measures is recommended; just legal conditions of occupational health are required.

DILUTION

Ready to use.

CONTAINERS

Container: 10 Kg.