

PLAM CM WATERPROOF

Cementitious waterproof product

DESCRIPTION

Plam CM Waterproof Isoplam[®] is a product made of cement, selected quartz and specific additives for the preparation of this mortar, formulated to waterproof cementitious supports subject to water pressure and counterpressure. Its special formulation allows the deep penetration in the concrete and, chemically reacting with free lime, avoids infiltrations.

FIELDS OF USE

Plam CM Waterproof Isoplam[®] protects and waterproof cementitious supports, such as:

- floors;
- support walls;
- foundation wall;
- pools;
- aqueducts and purification plants;
- galleries and in-ground structures (underground parkings, etc.).

ADVANTAGES

Plam CM Waterproof Isoplam[®]:

- is easy to use and to apply;
- waterproof structures also in contact with potable water;
- allows the passage of water vapor, allowing the natural transpiration of the support;
- protects from the sea water and from several chemical solutions;
- protects both old and new supports.

PREPARATION AND APPLICATION

Preparation of the support

The support must be cleaned from oils, resins, dirt, wax, efflorescences and it must be proper. Eventual pre-existing paintings on the surface must be removed by polishing. The support must be made rough so that pores are open, allowing the penetration of the product.

The surface must be carefully wet the day before so that, during the application of the product, it is humid without bleeding.

Preparation of the product

Plam CM Waterproof Isoplam[®] must be carefully mixed with water (1 bag of 25 kg with 8 liters of clean water) for above 4 minutes up to obtain a mixture with honey consistency. This operation must be done right before the use because, once mixed with water, the product must be used in half an hour. If it hardens, it must be mixed again without water.

Application

Plam CM Waterproof Isoplam[®] is applied with brush or spray in two coats, with temperatures between +5°C and +35°C.

The second coat must be applied when the first one is still fresh. Time between the first and the second coat depends on the temperature of the support and of the environment and on the humidity.

If applied by spray: the compressor must have a minimum pressure of 5 atm; the product must be sprayed with circular movements, levelling then with a brush to increase the link of the product to the support (the second coat of product does not have to be levelled).

Clean tools with water.

Keep the treated surface humid for at least 5 days; the treated surface must not be exposed to UV rays, wind, frost and rain.

The product can be considered ripe after at least 15 days.

If Plam CM Waterproof Isoplam® wants to be applied as a waterproof for potable water tanks, after the complete ripening, it is necessary to wash (but not with high pressure pumps) and disinfect accurately the tank.

TECHNICAL FEATURES

Color	Gray
Aspect	Powder
Density	1,25 kg/Lt
Grip time	Above 120 minutes
Ripening time	At least 15 days
Resistance to water counterpressure	Up to 18 atm

CONSUMPTION

Plam CM Waterproof Isoplam® consumption is of 0.75 kg/m² for each coat.

PACKAGING, STORAGE AND GUARANTEE

Plam CM Waterproof Isoplam® is packed in 25 kg bags.

Store in a cool, dry place at temperatures between 5 ° C and 35 ° C.

If properly stored, the shelf life is at least 12 months.

The packaging date is shown on the package (the lot number indicates, in sequence, year / week / day).

Consult the product safety data sheet before use.

IMPORTANT:

The product **PLAM CM WATERPROOF** is intended for the use as indicated above. Adding any other product will impair the final result. All information contained herein is based on the best practical experiences and laboratory research. It is the customer's responsibility to determine whether the product is suitable for the intended application. The manufacturer declines all responsibility on the results due to incorrect application of its products. The product shall always be tested on a small area before full scale application. This data sheet replaces all previous data sheets. ISOPLAM reserves the right to change the data on the data sheet at any time. **PLAM CM WATERPROOF** is intended for professional use only. ISOPLAM provides frequent and on demand trainings for its customers. The use of ISOPLAM products without receiving the proper certification will be at the customer's own risk.