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PRODUCT DATA SHEET

PRODUCT: **IMPREGNANTE EPOSSIDICO**
Two-component epoxy primer.

CODE: **COMP. A 508 0000**
COMP. B 900 0001 - CAT.EPOX STD 01

PRODUCT DESCRIPTION:

Two-component epoxy primer solvent-based, impregnates and consolidates supports in concrete, masonry and similar. Indispensable to guarantee the success of special painting, in particular to obtain mechanical performances and / or chemical resistance of the treated surfaces. It is used as a first application in floors, walls of food laboratories, cold rooms, containment tanks, in concrete, wood, chipboard and wood materials. The product IMPREGNANTE EPOSSIDICO is characterized by its excellent penetrating power and low viscosity.

SURFACE PREPARATION:

Remove the lime laitance if present, by sandblasting or mechanical action, diskings or pat; then remove the dust with a vacuum cleaner or compressed air. The product must be applied strictly on dry surfaces, clean, perfectly free of oil, grease, dust, moisture or other contaminants.

APPLICATION METHODS:

Spray, brush or roll.

APPLICATION INSTRUCTIONS:

| | CONVENTIONAL SPRAY LOW PRESSURE PUMP | AIRLESS AIRMIX | |
|------------------------|---|------------------------|--------------------|
| Nozzle diameter (mm) | 1,3÷1,7 | Pressure ratio | 15:1 |
| Product pressure (Atm) | 1,0÷1,7 | Nozzle diameter (inch) | 0,011÷0,015 |
| Air pressure | 3÷4 | Product pressure (Atm) | 80,0÷130,0 |



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TECHNICAL DATA:

| | Evaporation of the solvent and chemical reaction |
|---|---|
| Mechanism of hardening | |
| Specific weight (kg / l) * | 0,98 (±8%) |
| Volume solids (%) * | 42 (±1%) |
| Theoretical yield on concrete (m ² / kg) * | 7,5 |
| Theoretical yield on concrete (m ² / Lt) * | 7,6530612245 |
| Recoat time min. recommended 25 ° C (hours) | 24 |
| Recoat time max. recommended 25 ° C (days) | 6 |
| Hard dry at 25 ° C (days) | 7 |
| Pot life at 25 ° (hours) | 8 |
| Recommended application temperature (° C) | +10 ÷ +35 |
| Mixing ratio by weight | 100 ÷ 100 |
| Mixing ratio by volume | 100 ÷ 100 |
| Thinner | 603.0000 |
| Color | INCOLORE |
| Storage in suitable conditions (months) | 12 |

N.B.

* The solid content values, specific weight and yield were calculated with theoretical method. Thickness and performance are indicative, in fact vary greatly depending condition of substrate, absorption, porosity, surface irregularities and application method. Data referred to the mixture of component A + 100% by weight of Comp.B



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ADDITIONAL INFORMATION:

This is a two-component product. Before mixing the two components it is recommended to homogenize the component possibly with agitator and shake vigorously, possibly without opening, the packaging of component b. After mixing and addition of appropriate thinner, agitation should be continued until it became homogeneous. In order to use the correct mix ratio, necessary to obtain the best results, we recommend to catalyse only entire packs. In case you want to use only a portion of the pack, you should equip with adequate precision scale for catalysis by weight and appropriate sized containers for catalysis by volume. The dilution must be performed based on the absorption of the support and the desired result, the user etc The pot life (time of use after catalysis) is significantly reduced by increase of temperature. Ambient temperature has influence on curing time which, under 10° C is extended considerably. Epoxy products are not suitable to use at low temperatures (typically under 5-8° C), except through the use of a specific catalyst (winter grade). "Ceramising" or high hardness paints tend to detach the surface layers of the support which is not very compact, with the use of this primer which consolidates the surfaces to be treated it facilitates the matching between painting and support becoming a single part. The characteristics of the product allow an advantageous use also in other types of applications, such as anti-dust or anti-stain, in mechanical workshops or garages, even as a consolidator on wood to prevent chipping, on truck platforms, or as an asbestos fixative and blocker on fibro-cement roofing. The yield is very variable, and depends on the absorption of the substrate, applied as anti-dust and anti-stain on quartz smooth floor, with one kilogram can be treated 10-12 square meters, while as a consolidating primer on the floor of wrecked concrete, the yield reduced to 5 sqm / kg. The recommended application on floors is by roller, this allows an optimal dosing and distribution of the product. Advantageous applications are also carried out with the airless system. Normally you can overlay any finish that will be chosen based on the desired performance. Despite the quality and the exceptional consolidating action of this product, reservations are expressed in all those cases in which the compactness of the first millimeters of the support is different from the underlying layer, plaster or stucco smoothing performed on a non-rough substrate, mortar smoothing end of low thickness performed on seasoned and smooth mortar. Furthermore, the result is uncertain on substrates that present humidity phenomena where the plaster or the concrete itself is leafing and a reclamation before consolidation is indispensable.

IMPORTANT NOTE

All information contained in this form are the result of laboratory tests carried out under controlled conditions and well-defined and / or correspond to our most advanced and current technical and practical knowledge. this does not exempt the customer, given the variability of environmental conditions and personal systems of application, from carrying out their own investigations and to make their own eligibility checks. Mondial Color assumes no responsibility for any damage caused by improper use of the product. The values of specific weight, solids by volume and yields were calculated by theoretical methods. This sheet supersedes the previous editions.