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CERTIFIED MANAGEMENT SYSTEM
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PRODUCT DATA SHEET

PRODUCT:	**EPOPAINT PV** **Epoxy floors paint**

CODE:

COMP. A 306 EPOPAINT PV
COMP. B 9000006 - CAT EPOX SPECIALE 06

PRODUCT DESCRIPTION:

High quality two-component epoxy amine painting for concrete floors treatment, masonry and similar surfaces. This product allows easy application to both occasional applicators that for professionals, giving origin to a high crosslink density film that broadly meets normal demands of resistance to washing, to lubricating oils, fuels, detergents, acidic or basic solutions. The product is also characterized by good abrasion resistance and suitability of use for non-slip cycles of various grains. When required the product can be applied to metal in antislip cycles.

SURFACE PREPARATION:

On concrete we suggest to apply a 2K epoxy primer. We recommedn an almost white metal (grade Sa 2.5) . A commercial blasting or alternatively a good quality mechanical cleaning are often acceptable. 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)	**1,8÷2,2**	Pressure ratio	**28:1**
Product pressure (Atm)	**1,0÷1,7**	Nozzle diameter (inch)	**0,015÷0,019**
Air pressure	**3,5÷5,0**	Product pressure (Atm)	**160,0÷220,0**

TECHNICAL DATA:

Mechanism of hardening	**Evaporation of the solvent and chemical reaction**
Specific weight (kg / l) *	**1,3 (±8%)**
Volume solids (%) *	**54,5 (±1%)**
Medium dry film thickness (microns)	**100**
Correspondence wet film thickness (microns)	**183**
Yield to the average or recommended thickness (m2 / kg) *	**4,2**
Yield to the average or recommended thickness (m2 / lt) *	**5,5**
Consumption at the average or recommended thickness (Kg / m2) *	**0,2**
Consumption at the average or recommended thickness (lt / m2) *	**0,2**
Touch dry at 25 ° C (min)	**60**
Recoat time min. recommended 25 ° C (hours)	**8**
Recoat time max. recommended 25 ° C (days)	**3**
Hard dry at 25 ° C (days)	**7**
Recommended application temperature (° C)	**+10 ~ +35**
Maximum operating temperature (° C)	**95**
Pot life at 25 ° (hours)	**8**
Mixing ratio by weight	**20%**
Mixing ratio by volume	**30%**
Thinner	**603.0000**
Aspect of the film	**satin**
Color	**On request**
Storage in suitable conditions (months)	**12**

N.B.
* Data referred to colour grey. The solid content values, specific weight and yield were calculated with theoretical method. Thickness and performance are only indicative, in fact vary greatly depending condition of substrate, dilution, absorption, porosity, surface irregularities and application method. Data referred to the mixture of component A + 20% by weight of Comp.B

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 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). The coating requires a period of 7-15 days at 25° C for complete curing. As is widely known, the UV rays are able to cause the surface chalking of epoxy coatings causing an aesthetics alteration, which however does not compromise in any way the performance. In the presence of moisture we recommend use of IDROPOX PV or other suitable products.