

Product

DUROGLASS P6

cod. 4534 RAL
9135 0000



ANTIACID COATING FOR CEMENT SURFACES BASED ON EPOXY RESINS.

Features

- **Excellent resistance to solvents and aggressive chemicals: organic and inorganic acids, alkalis, saline solutions, hydrocarbons, esters, cheton.**
- **Excellent resistance to wear, trampling and light traffic.**
- **Semigloss finish with anti-slip effect.**
- Non-toxic and odorless composition after hardening, washable and de-contaminable by radioactive waste.
- Good colour stability.
- Applicable from + 18°C to +35°C of support with U.R.< 60%.
- Operating temperature from -20°C a + 80°C.

Application fields

- Coating for cement floors in different industries areas: food, cheese, wine, beer, pharma, chemical and nuclear, when it is necessary an high chemical resistance and solvent resistance.
- Coating of cement support subject to several chemical attacks.

Applications

1) PRODUCT PREPARATION

2 components product to mix carefully before using with mechanical mixer with a low speed, operating in the following way:

Add the component B to component A and mix until complete homogenization.

The dilution and addition of fillers must be carried out after complete mixing of the two components, homogenizing with the same agitator.

2) SUPPORT PREPARATION

The surfaces to be treated must be dry, sound and free from contamination of foreign substances. The support must have a surface resistance to tearing not less than 1.5 MPa. It is essential to roughen the surface before laying. The preparation of support must be chosen case by case.

In the case of damp surface, apply one or two coat of DUROGLASS FU BIANCO TIX o DUROGLASS FU RAPID.

3) PRODUCT APPLICATION

On dry support, apply the product in two layers, first diluted with 10-15% of Diluent 21.

To obtain antislip effect, apply the product by roll diluted with maximum 5% of Thinner 21.

To obtain smooth surface, apply the product by airless spray diluted with 10% of Thinner 21, using nuzzles of 0.025 and pressure of 180-200 bar.

DUROGLASS P6 can be used also as antiacid top coat on DUROGLASS FU LEVEL.


After using the tools must be cleaned with Diluent 21.

NOTE: Do not apply the product with temperature lower than 18°C with U.R. > 60% because could be form on the support stained due to water. With temperature < 18°C the product can be not totally develop his features.

Technical data

Color	RAL
Density UNI EN ISO 2811-1	1,4 ± 0,1 Kg/l
Mix Ratio	100 parti in peso di base 10 parti in peso di induritore
Viscosity at 20°C UNI EN ISO 2555	17.000 ± 3.000 mPa.s
Open time 22°C UNI EN ISO 9514	50 minuts
Sostanze non volatile UNI EN ISO 3251	88% in weight, 77% in volume
Theoretical consumption	300 g/m ² per layer
Theoretical thickness	150 micron
Hardener 22°C, 50% U.R.	- dry to touch 4-5 h - overlay 8 h minimum 16 h maximum - walkable with caution 48 h - completely hardener 7 days
Capillary adsorption and water permeability UNI EN 1062-3	w < 0,1 kg/m ² · h ^{0.5}
Adherence by direct traction UNI EN 1542	> 4,0 MPa
Abrasion resistance EN ISO 5470-1	Mola H22 1000 giri 1000 g : < 190 mg
Resistance to slip EN 13036-4	At dry: 76
Hardening Shore D	> 75

UNI EN ISO 868																	
Chemical resistance EN 13529	<table> <tr> <td>Mixture hydrocarbons</td> <td>Classe I e II</td> </tr> <tr> <td>Metanolo</td> <td>Classe I e II</td> </tr> <tr> <td>Tricloroetilene</td> <td>Classe I e II</td> </tr> <tr> <td>Acido acetico al 10%</td> <td>Classe I e II</td> </tr> <tr> <td>Acido solforico al 20%</td> <td>Classe I e II</td> </tr> <tr> <td>Irossido di sodio al 20%</td> <td>Classe I e II</td> </tr> <tr> <td>Cloruro di sodio al 20%</td> <td>Classe I e II</td> </tr> <tr> <td>Tensioattivi</td> <td>Classe I e II</td> </tr> </table>	Mixture hydrocarbons	Classe I e II	Metanolo	Classe I e II	Tricloroetilene	Classe I e II	Acido acetico al 10%	Classe I e II	Acido solforico al 20%	Classe I e II	Irossido di sodio al 20%	Classe I e II	Cloruro di sodio al 20%	Classe I e II	Tensioattivi	Classe I e II
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Store	the product in its original packaging kept in a dry and protected place at temperatures between + 5 ° C and + 35 ° C is kept for 12 months.																

		
1305		
MPM Srl - Via Adda, 15- 20090 Opera (MI)		
12		
1305-CPR-1222		
EN 1504-2	DoP 027	Product type 4534
Product for chemical resistance 6.1 (C)		
Permeability to CO ₂	NPD	
Water permeability	NPD	
Capillary adsorption and permeability to water	< 0,1 kg/m ² x h ^{0.5}	
Adherence by direct traction	> 2,0 N/mm ²	
Resistance to cracking	NPD	
Impact resistance	NPD	
Thermal Shock	NPD	
Abrasion resistance	NPD	
Several chemical attacks	CR4(Classe I e II), CR5a(Classe I e II), CR6(Classe I e II), CR9(Classe I e II), CR10(Classe I e II), CR11(Classe I e II), CR12(Classe I e II), CR14(Classe I e II)	
Withdraw dangerous substances	Sostanze pericolose conformi al punto 5.3	
Fire reaction	F	
Linear withdraw	NPD	
Thermal expansion coefficient	NPD	
Oblique cut	NPD	
Thermal compatibility	NPD	
Chemical resistance	NPD	
Creep resistance	Classe II	
Exposure to atmospheric agents	NPD	
Antistatic behavior	NPD	
Resistance to compression	NPD	
Adhesion on wet cls	NPD	

CR4 :Miscela d'idrocarburi
 CR5a : Metanolo
 CR6 : Tricloroetilene
 CR9 : Acido acetico al 10%
 CR10 : Acido solforico al 20%
 CR11 : Idrossido di sodio al 20%
 CR12 : Cloruro di sodio al 20%
 CR14 : Tensioattivi

The figures and information contained in this schedule are based on the best practical experience and laboratory testing, but should be regarded as guidelines only. Taking the conditions of use and factors outside the control of MPM into account (type of support, weather conditions, laying methods, etc), the customer should check to ensure that the product is suitable for the type of use before proceeding. Our guarantee is limited to the quality and consistency of the finished product on the basis of the information set out above, and provided the technical schedules are stamped and signed by our authorised representative. The customer should also ensure that the information is valid for the batch of product to be used, and that this has not been rendered obsolete by later editions or the introduction of new formulations. The information set out above is subject to alteration by MPM without notice.