

Fecha de Alta

12-02-2010

Versión

22 - 11/04/2024



**FAMILY** PAVIMENTOS  
**LINE** BARNICES SUELOS

### DESCRIPTION AND NATURE

Finished varnish one component and transparent. Direct use on cement and moulded concrete like protector, anti-dust and impregnating curativo.

### USAGES

Outdoor/Indoor

As a primer for sealing porous surfaces

Concrete

Cement mortars

Moulded concrete

The resistance and durability of the product for floor are proportional's to the aggressiveness that could suffer

### PROPERTIES

- Gloss
  - Resistance to the walk-on
  - To consolidate and fixing slipping surfaces
  - Abrasion resistance test according UNE EN ISO 5470-1 EN 13813: Loss by weight less than 3000 mg with a H22 abrasive disk/1000 cycles/1000 g load.
  - Impact Resistance UNE EN ISO 6272-1 EN1766: Clase III  $\geq 20$  Nm
  - Adhesion through a test UNE EN 1542/EN 1766: Rigid systems without traffic load Average  $\geq 1.0$  N/mm<sup>2</sup> Individual value:  $\geq 0.7$  N/mm<sup>2</sup>
  - Adhesion on damp concrete UNE EN 13578: No visible defects
  - Good adhesion
  - Drying fast
  - Easy to apply
  - Dust-proof
  - High performance
- Fulfils with the norm UNE EN 1504-2:2005, used to the superficial concrete protection, for the uses: increase the resistivity as per limitation of the humidity content, control of the humidity and protection against penetration and physical resistances.
- Permeability to water steam EN ISO 7783-1/EN ISO 7783-2: Class I water steam permeable
- Permeability to CO<sub>2</sub> UNE-EN 1062-6/PrEN 1062-11:2002: sD > 50 m
- Capillary absorption and water permeability UNE EN 1062-3:  $w < 0,1 \text{ kg/m}^2 \cdot \text{h}^{0,5}$
- Submitted to the initial testing type, according to the requirements describes in the ZA anex from the norm UNE EN 1504-2:2005
- Good applicability



### TECHNICAL CHARACTERISTICS

Referencia Color	BARNIZ HORMIGON
Finish	Semi-gloss
Specific weight	0,89± 0,05 kg/l
Viscosity	18 +/- 5 SG
Solids in volume	21± 1
Solids in weight	25± 1
VOC	Cat. h/BD 750/750 (2007/2010): 717,46 g/l

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Aproximated performance by coat 8-12 m<sup>2</sup>/L

Dry to touch	30min
Dry to repaint	2h
Colours	Transparente

## SURFACE PREPARING

### New surfaces

Correct pavement preparation is essential.

Surface should be completely dry (30 days minimum).

Remove off any efflorescences.

Pavement must be adjusted and if necessary increased, to obtain uniformity and make a perfect treatment.

Support must be in optimal conditions of cleaning (free of strange products) and perfectly dry.

Remove off any trace of oils or greases..

The mechanical treatment of the ground (shotpeened) solves the problems of impermeability as well as dirt.

In some cases a chemical treatment of caustic soda solution 20% eliminating fats and oils and later treatment with 20% hydrochloric acid to eliminate impermeability (to open pore) and rinse, may be enough.

Pavement surface should be porous enough to achieve perfect adhesion.

Asphaltic surfaces:

-Apply properly after removing foreign products.

- Never apply this product at high temperatures to avoid product bleeding.

-There should not be any asphaltic plastifiers migration. If doubts before chemical application, please consult our Technical Department.

### Restoring and maintenance

Eliminate old paintings in badly state or badly adhered by means of the traditional methods of mechanical pickling (shotpeened) or chemistry (Quitamont).

Verify that the adhesion between old paintings good anchored and the new ones is perfect and does not deteriorate the adhesion of old paintings on the substrate.

If one eliminates paintings, to follow habitual the procedure indicated in new supports

## WAY OF USE

### Application notes

Remove until perfect homogenization.

Apply on dry supports affluent.

When applying the product on Pavimont, avoid mixing with the Pavimont; either use spray equipment or if applying the product with brush or roller, keep the number of strokes to the minimum to prevent the varnish from softening and mixing with the Pavimont.

Verify possible bled on asphalt surfaces and case of existing, please consult with our Technical Department.

Humidity of flooring: maximum of 4% measured at a depth of 2cm.

### Solvent for dilution and cleaning

Dissolvent 1403, and/or dissolvent 1405

Way of use	Approximate dilution
Air-less gun	0 - 10 %
Brush, Roller	0 - 10 %
Aerographic gun	0 - 20 %

## SYSTEM

### Procedures depending of surface type

	Primer	Intermedium	Finish
<b>Moulded concrete</b>			
<b>MAX</b>	Barniz Hormigón	Barniz Hormigón	Barniz Hormigón

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<b>STD</b>	Barniz Hormigón	Barniz Hormigón
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#### Cement

<b>MAX</b>	Barniz Hormigón	Barniz Hormigón	Barniz Hormigón
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<b>STD</b>	Barniz Hormigón	Barniz Hormigón
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#### SECURITY

Do not eat, neither drink, nor smoke during the application. In case of contact with eyes, wash abundantly with clean water. Keep away from children. Do not throw in darin. Keep product in dry area, under cover and temperature between 5 to 35°C. For further information, please check product safety sheet.

#### NOTE

Maximum recommended storage time : 24 months since its fabrication in its original packaging perfectly closed, stored indoors and at temperatures between 5° and 35°C

Information here indicated is based on our actual knowledge, laboratory testing and taking in count the practical use under specific circumstances. As it is impossible to stablish an adequate description for every nature and status of the supports to be painted, we are unable to warrant the absolute reproductibility in each specific use

#### PACKINGS

4 L, 15 L