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## CONCRETE LACQUER

Date of Registration

12-02-2010

Version

22 11/ 04/ 2024


**MONTO**  
profesional


TYPE

FLOORS, CONCRETE

LINE NIE

CONCRETE FLOOR VARNISHES

## DESCRIPTION

Transparent, single-component varnish. Applied directly to cement and stamped concrete, it acts as a protector, dust repellent and curative impregnating agent.

## USE

**Exterior/Interior As a primer for sealing porous surfaces:** Concrete Cement-based mortars

**Stamped concrete The resistance and durability of the product applied to floors are proportional to the degree of aggression to which they can be subjected.**

## PROPERTIES

## Glossy

Resistance to foot traffic For the

consolidation and fixing of slippery surfaces Abrasion resistance test

according to UNE EN ISO 5470-1 / EN 13813: Weight loss less than 3000 mg with H22 abrasive

disc / 1000 cycles / 1000 g load Impact resistance according to UNE EN ISO 6272-1 / EN 1766: Class III  $\ddot{\gamma}$  20 Nm Adhesion according to UNE EN 1542 / EN 1766 test: Rigid systems without traffic: Average  $\ddot{\gamma}$  1.0 N/mm<sup>2</sup>Individual value  $\ddot{\gamma}$  0.7 N/mm<sup>2</sup> Adhesion on wet concrete according to UNE EN 13578: No visible defects Good adhesion

Fast drying Easy

application Dust protection High performance

Complies with the UNE EN 1504-2:2005 standard, used for the superficial protection of

concrete, for:

Increasing the

resistivity by

limitation of moisture

content Humidity control

Protection against penetration and physical stress Water vapour permeability according to EN ISO 7783-1 / EN ISO 7783-2: Class I

– permeable to water vapour CO<sub>2</sub> permeability according to UNE-EN 1062-6 / PrEN

1062-11:2002: sD &gt; 50 m

Capillary absorption and water permeability according to UNE EN

1062-3: w < 0.1 kg/m<sup>2</sup> h  $\ddot{\gamma}$  Subject to initial type testing, according to the requirements described in annex ZA of the UNE EN 1504-2:2005 standard

Good applicability



## TECHNICAL SPECIFICATIONS

Color	Concrete varnish
Finish	Semi-glossy
Weight	0.89± 0.05 kg/l
Viscosity	18 +/- 5 SG
Solids by volume	21± 1
Solids by weight	25± 1
comm	How. h/ BD 750/ 750 (2007/ 2010): 717.46 g/l

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Coverage rate

8-12 m<sup>2</sup>/L

Dry to the touch

30m in

Drying time for recoating 2h

Transparent color

## SURFACE PREPARATION

## New surfaces

Proper floor preparation is essential.

The surface must be completely dry (minimum 30 days).

Remove any efflorescence.

The floor must be leveled and, if necessary, reinforced to achieve uniformity and allow for perfect treatment.

The support must be in optimal conditions of cleanliness (free of foreign products) and perfectly dry.

Remove any traces of oils or grease.

Mechanical surface treatment (shot blasting) solves the problems of impermeability and dirt.

In some cases, a chemical treatment with 20% caustic soda solution may be sufficient to remove grease and oils, followed by a treatment with 20% hydrochloric acid to eliminate impermeability (opening the pores), followed by rinsing.

The floor surface must be porous enough to allow perfect adhesion.

## Asphalt surfaces:

Apply correctly after removing foreign products.

Do not apply this product at high temperatures to avoid bleeding (leaking) of the product.

There must be no migration of plasticizers from the asphalt. In case of doubt before chemical application, please contact our Technical Department.

## Restoration and maintenance

Remove old paint that is in a damaged or poorly adhering condition by traditional mechanical (shot blasting) or chemical (Quitamont) stripping methods.

Check that the adhesion between the well-anchored old paints and the new ones is perfect and does not damage the adhesion of the old layer to the support.

If the paint is completely removed, follow the usual procedure indicated for new surfaces.

## HOW TO USE

## Application

Mix until perfectly smooth.

Apply to dry and clean surfaces.

When applying the product over Pavimont, avoid mixing with it; use spray equipment or, if applying with a brush or roller, minimize the number of passes to prevent the varnish from soaking and mixing with the Pavimont.

Check for possible migrations (bleeding) on asphalt surfaces, and if any appear, consult the Technical Department.

Floor moisture: maximum 4%, measured at a depth of 2 cm.

## Thinner and cleaning agent

Thinner 1403 and/or Thinner 1405

## How to use

## Approximate dilution

Airless gun

0 - 10%

Brush, roller

0 - 10%

Airbrush gun

0 - 20 %

## SYSTEM

Procedures depending on the type of surface

First

Intermediate

Finish

## Molded concrete

MAX Concrete Varnish

Varnish Concrete

Varnish Concrete

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STD Varnish Concrete

Concrete Varnish

Cement

MAX Concrete Varnish

Concrete Varnish

STD Varnish Concrete

Varnish Concrete

Concrete Varnish

## SECURITY

Not eat, by not drink not heavy in water application.  
 In the clean. case contact with smoking time  
 Of children. not it and your rinse TO in skillfully  
 No sewage. DISPOSE eyes, leave

Store the product in a dry place, protected from the weather, at a temperature between 5 and 35°C.

For further information, please refer to the product safety data sheet.

## NOTE

Maximum recommended storage period: 24 months from date of manufacture, in original, perfectly closed packaging, stored indoors, between 5°C and 35°C.  
 TO temperature between and

The information presented here is based on our current knowledge, laboratory tests and consideration of use under specific practical conditions.

Since it is impossible to provide an adequate description for each type and condition of the supports to be painted, the absolute guarantee for each specific.  
 not CAN REPRODUCIBILITY in use

## PACKAGING

4L, 15L