



FUTURFLOOR EPOX 100

100% SOLID PIGMENTED TWO-COMPONENT EPOXY COATING

Two-component pigmented epoxy coating/epoxy binder 100% solids indicated as a glossy finish for interior floors.

PROPERTIES

Quick and easy application.

Consumption of product appropriate for the required use.

Good adhesion to concrete with high mechanical resistance, resistance to abrasion and chemical agents.

Solvent-free, odor-free, suitable for indoor applications.

PHYSICAL-CHEMICAL CHARACTERISTICS

Appearance*:	Liquid								
Presentation:	Metallic containers Color Comp. A: RAL Pigmented. Comp. B: Off-white <table border="1" data-bbox="801 1003 1476 1167"> <tr> <th colspan="2">5 Kg containers</th> </tr> <tr> <td>Component A: 385 Kg</td> <td>Component B: 1.15 Kg</td> </tr> <tr> <th colspan="2">20 Kg containers:</th> </tr> <tr> <td>Component A: 154 Kg</td> <td>Component B: 4.6 Kg</td> </tr> </table>	5 Kg containers		Component A: 385 Kg	Component B: 1.15 Kg	20 Kg containers:		Component A: 154 Kg	Component B: 4.6 Kg
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20 Kg containers:									
Component A: 154 Kg	Component B: 4.6 Kg								
Mixing ratio:	Component A: 77 parts. Component B: 23 parts (Weight)								
Chemical nature:	Epoxy								
Solid content:	100%								
Density at 20 °C*:	1,500 ± 0.050 Kg/L (20 °C, ASTM D1475)								
Pot Life:	30 minutes (25 °C)								
Touch dry:	8-12 hours								
Repainted:	12-24 Hours (<48 hours)								
Total curing:	7 days								
Support temperature:	> +10 °C, < +30 °C								
Ambient temperature:	> +10 °C, < +30 °C								
Relative humidity:	< 85%								
Support humidity:	< 4%								
Wear resistance:	60 µm (UNE-EN 13892-4)								
Adhesion strength:	2.5 N/mm ² (Pull-out test, UNE-EN 13892-8)								
EN-13813 data: CE marking									
Fire behavior:	Bfl S1								
Emission of corrosive substances:	SR								
Water vapor permeability:	ND								
Wear resistance:	AR1								



Adherence:	B2.0
Shore D Hardness:	ND
Acoustic insulation:	ND
Impact resistance:	> IR4
Thermal resistance:	ND
Chemical resistance:	ND

* Quality specifications. * Especificaciones de calidad.

MODE OF USE

Before applying the product, check that the support is clean and free of traces of oil, grease, silicone, contaminating waxes or soil materials. If repair is needed, apply appropriate repair mortars.

Apply at room temperature between +10 °C and 30 °C. The temperature of the support must be between +10 °C and 30 °C. The support must be dry and with relative humidity. It is important to control the dew point to prevent condensation from occurring and avoid whitish areas on the coating.

It is necessary to start from a porous concrete support, without grout and free of curing liquids. Minimum compressive strength of concrete: 15 N/mm². Minimum tensile strength of concrete: 1 N/mm².

If in doubt, carry out a test before application.

Mix the two components in the recommended proportion of 77 parts by weight of component A for every 23 parts by weight of component B. Beat component A well in its container, then add component B and beat with an electric stirrer (300-400 rpm) for a minimum of 3 minutes until a homogeneous product is achieved. If overmixed, occluded air bubbles may appear. Once the two components are mixed, it is ready for use. The open application time (Pot Life) is 30 minutes at 20 °C and 55% RH.

Primer: Apply a primer of FUTURPRIMER 001.

Finishing: Once the primer is dry, apply 2 coats of FUTURFLOOR EPOX 100.

Apply in thin layers with an approximate consumption of 300-500 g/m² in two layers. The final consumption will depend on the roughness of the support.

Apply with a roller, brush or airless spray.

Repainting will be done once the previous layers have dried, approximately 12-24 hours. Do not repaint after 48 hours.

Touch dry: 8-12 hours

Pedestrian traffic: 24 hours

Light traffic: 2 days

Total curing: 7 days

Data at ambient temperature of +25 °C and 55% relative humidity.

The product provides a pigmented finish according to the RAL chart.

Maintenance and cleaning: To maintain the appearance of the floor after application, all spills must be removed immediately after they have occurred. The floor must be cleaned regularly using rotating brushes, high-pressure cleaners, vacuum cleaners, using neutral detergents and appropriate waxes.

Once the container is opened, we recommend its complete consumption. Once the two components have been mixed, the mixture obtained must be applied, respecting the pot-life.

Stable for 12 months from its manufacturing date, in its original, well-closed and undamaged container. Store in a dry and cool place at temperatures between +5°C and +25°C.

Application in closed areas must be carried out ensuring proper ventilation during application and 48 hours after.

Do not exceed the maximum consumption because it may affect its adhesion and durability.

Avoid the formation of puddles of the product.

In applications exposed to U.V. rays. yellowing may occur.

For applications with chemical resistance, consult the technical department.

Incorrect treatment of cracks and singular points can lead to a reduction in the useful life of the pavement.



To clean materials and utensils, use FUTURSOLVENT 001 before the product hardens. Once the product has hardened it can only be removed by mechanical means.

APPLICATIONS

Very useful in all types of construction companies, quick repair contracts, general masonry, community maintenance, building repair and restoration, high-resistance epoxy industrial flooring, etc.

Application as:

Treatment, decoration and protection of pavements, floors and rehabilitation of: Industrial floors, food floors, chemical resistance floors, floors resistant to vehicle traffic (light traffic), industrial warehouses and warehouses, etc.

Dust and anti-wear protection of concrete.

Finishing on multi-layer epoxy, self-leveling and polyurethane floors.

Coating in poorly ventilated areas.

Supported media:

Concrete, cement mortar and epoxy coatings.

For other supports we recommend carrying out tests to verify their adhesion.

The information and recommendations we provide are based on our Research and experience and we believe they are correct. Since the application of the products by our Clients is beyond our control, we cannot assume responsibilities arising from misuse of our products.