

FPGS 15

FPGS 15 ALIPHATIC SHEATH

Modified Polyurethane
based elastomeric coating

PRODUCT

EPAPROOF FPGS 15: an elastomeric system based on polyurea and modified polyurethanes. It is made up of:
FPGR 15 RESIN – FPGI 15 ISOCYANATE

PRODUCT DESCRIPTION

EPAPROOF FPGS 15: a two-component system that forms a resistant and homogeneous transparent sheath when applied. Based on aliphatic isocyanides and special amines, it is particularly suitable for protecting and waterproofing substrates that need to preserve their aesthetic properties, such as tiles, marble, cement surfaces and wood.

FIELDS OF APPLICATION

- Protection of metals against corrosion and rust
- Waterproofing of terraces and balconies with tiles and floor coverings
- Protection of cement items
- Pools and fountains
- Wood

PRODUCT FEATURES

EPAPROOF FPGS 15 is a coating whose special “polyaddition” reaction creates a strong and elastic membrane without losses of weight or secondary reaction products. On request, this system can have a gel time that varies from 15 min up to 40 min. It can also be applied at low. The product, if not treated properly, may be sensitive to atmospheric moisture and this could lead to a shortening of the time of pot life and discomfort in coating.

COLOURS PACKAGING

RAL colour table

Metal drums or cans from 15 kg (or multiples)

PROPERTIES

Specific weight RESIN
Specific weight ISO
Solid
Mix Ratio
Stability at 65°C
Elongation at break
Tensile
Tear Strength
Adhesion on cement
Abrasion
Hardness

VALUE		UNIT	STANDARD
MIN	MAX		
1.125	1.135	Kg/l	EPALAB0010.01
1,10	1,20	Kg/l	EPALAB0010.01
100	100	%	-
100:50		Kg	-
6		Months	ASTM D 638
100		%	UNI EN 527
6,5		MPa	UNI EN 527
25		KN/m	ISO 34
>3		N/mm2	Elcometer
100		mg	ASTM D4060 1000turns 1000g CS17
70 - 75		Shore A	ISO 868

APPLICATION PROPERTIES

Pot life at 25°C	30 - 40 min
Touch free time at 25°C	60 - 70 min
Total hardening at 25°C	72 h at 25°C
Time interval between the hands at 25°C	12 -24 h
Foot traffic at 10/20/30°C	36/24/12 h

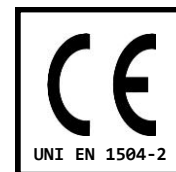
APPLICATION

1. Preparation of the surfaces: Metal surfaces must be sandblasted or mechanically treated to remove any oxide and the presence of impurities. The surfaces of concrete floors must be clean, free from traces of oil and grease, without that it breaks loose and dry. To restore deteriorated paving is recommended to use when needed Epapox and Epacrete products. The wooden supports should be clean and free of dust and grease and dry, no loose parts that come loose. For specific application in mind that the moisture content of wood should not be above 15% - 18% to avoid the problems of handling the media and / or rising damp

2. Preparation of the product: The product is already pre-measured and then mixing the components A and B in a suitable container and follow the signs indicated in the technical report. Mix with a mechanical mixer or by hand until homogeneous product. Where necessary, and for applications with airless spray or roller, it is recommended that a dilution of 5-20% with thinner EPADIL.

3. Application: When the support is ready, apply the desired thickness of EPAPROOF FPG S 15.

For floors that you should apply to 200/250 g of each hand. **FOR ANY FURTHER INFORMATION PLEASE CONSULT OUR TECHNICAL DEPARTMENT**



STORAGE

The product must be stored in a cool place away from direct sunlight, and at a temperature between 5°C and 35°C. Shelf-life of 12 months

SAFETY

Avoid contact with the skin and mucous membranes. Use suitable protections, in particular, mask and gloves. Avoid inhaling the product and, if possible, ventilate the work areas.

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