ERRELAB crea in resina

R801 BLINDO

Description

Two-component epoxy "anti-shrinkage" mortar (A+B). The product is supplied in a packaging with:

- Part (A) - Mixture based on epoxy resins, quartz-aggregates in granulometric curve, pigments and additives
- Part (B) - Amine hardener

The resulting mortar obtained from the mixture of the parts (A) and (B) has a pasty appearance and is not subject to shrinkage or settlings. The product has a rapid development of the resistances, so obtaining optimum values of mechanical resistance.

Usage

Restoring of eroded and crumbling floors.
Filling holes in concrete, resin or tiled floors.
Formation of gaps between wall and floor, prior to the installation of resinous coverings.

Substrate

The substrate shall have a minimum resistance to compression of 25 N/mm^2 and to traction of 1,5 N/mm^2.

Preparation of the substrate

You shall carefully clean the surfaces that have to be restored, removing every trace of residuals, loose parts and dust, until the surface has been completely revived.
On crumbling substrates it is necessary to applicate a coat of R122 PRIMER HS for a consumption of about 0,5 kg/m^2.
To proceed with the application of the product R801 BLINDO it is not necessary to wait for the hardening in depth of the primer.

Preparation of the product

The mortar R801 BLINDO is supplied in a tin containing both separated components.
At the moment of the application it is necessary to pour the content of the component (B) in the container of the component (A), mixing with care with a drill, until obtaining an even dyeing, for 2 minutes.
To obtain a perfect mixing you shall transfer the mixture in another container and mix again for 1 minute.

Application

Pour the mortar in the interested area, levelling and evening with an american trowel.
You shall keep the tool clean, using a cloth dampened with water, in order to work with the best possible results.

Scheda TECNICA

Technical Data

Colour		Grey
Smell		Amine
Specific weight		1,80 - 1,90 g/ml at 25°C
Dry residual		98% by weight
Viscosity	at 25°C	Wet quartz
Pot – life	at 35°C	> 12 min
	at 25°C	20 min
	at 5°C	> 30 min
Tacky free	at 35°C + 50% R.H	1-2 h.
	at 25°C + 50% R.H	2–3 h.
	at 5°C + 50% R.H	4-6 h.
Walkability	at 25°C	4 h.
Hardening in depth	at 25°C	5 days
Consumption		about 5,6 kg/m^2 for 3 mm thickness
Mixture Ratio		A=925 B=75
Usage Conditions		Temperatures between 5°C and 35°C + R.H < 70%
Resistance to compression (UNI 4279)		60 N/mm^2
Resistance to flexion (UNI 7219)		40 N/mm^2
Cleaning of the tools with		UNI Solvent
Storage		24 months. Keep in a dry place at a temperature between 5°C and 35°C
Volumetric shrinkage		Neglectable

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All information in this sheet are based on our best practical lab-experience. The variability both of the site condition and of the application type, do not allow giving specific guarantees, expressed or implied, neither on the product laid, nor on the cycles suggested in the documentation or as far as the indicated yield. It is a responsibility of the customer managing the products, to follow the indications of the SDS and to verify the suitability of the application system with every single application, conducing further specific and appropriate tests.

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