

PRESENTATION

DESCRIPTION

RESIPOX W is a primer to wet surfaces and is supplied as a kit containing:

- RESIPOX W Component A: a water-based epoxy pre-polymer mixture, fillers and additives;
- RESIPOX W Component B: modified amine co-polymerization
- RESIPOX W Component C: reaction accelerator
- RESIPOX W QUARTZ : dusting

When components A and B are mixed, they form a dense liquid that is known, in particular, for being applied to humid surfaces of different natures by a roller.

In cases where the temperature is lower than +12°C, component C is added to the mixture (A+B) as this accelerates the reticulation of the product, making it possible to use up to a minimum temperature of 4°C.

AREAS OF APPLICATION

To block moisture in the substrate onto which it is applied, in order to create a coat on the surfaces with a moisture rate that is higher than that permitted.

RESIPOX W can be applied to sand, or cement, based screeds (wet earth or self-levelling in nature); industrial or pouring cement; all types of polished tiling; polished natural stone; Venetian floors and polished tiles;

In addition, RESIPOX W can also be used on surfaces without moisture problems, but only to create optimum conditions of coupling substrates such as aluminium and galvanised steel, wood of all sorts, and insulating panels of all kinds (EPS and XPS polystyrene, plasterboard, etc.).

ADVANTAGES

- Block the moisture content of the substrate

TECHNICAL CHARACTERISTICS

IDENTIFICATION INFORMATION	
State and Aspect	Comp. A: Viscous liquid Comp. B: Viscous liquid Comp. C: Powder
Colour	Comp. A: White Comp. B: Black Comp. C: Grey
Smell	Characteristic
Apparent density (A+B) ISO 2811-1	1.16 kg/L ± 0.02
Packaging	KIT for 6 m ² , comprising: 1 x COMP (A) 1,30 kg 1 x COMP (B) 0,52 kg 1 x COMP (C) 0,22 kg 1 x QUARTZ 5,30 kg KIT for 18 m ² , comprising: 1 x COMP (A) 3,90 kg 1 x COMP (B) 1,56 kg 1 x COMP (C) 0,66 kg 1 x QUARTZ 16,00 kg KIT for 70 m ² , comprising: 1 x COMP (A) 15,00 kg 1 x COMP (B) 6,00 kg 1 x COMP (C) 2,52 kg 1 x QUARTZ 60,00 kg
Storage	24 months in unopened packaging in a dry place at temperatures between +5°C and +35°C. The product is sensitive to frost. Never leave the product in direct sunlight.
Customs classification	32 09 90 00

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APPLICATION INFORMATION	
Consumption	COMP A+B = ± 300g/m ² COMP C = 120g/kg of COMP A+B QUARTZ = ± 0.8 kg/m ²
Application temperature	+4°C min to +35°C max (Refer to Table 1 in "Use")
Pot life	A + B : 60min A + B + C : 25min
Drying time	(Refer to Table 1 in "Use")
FINAL CHARACTERISTICS	
Adherence to concrete (A+B) EN 1542	3.0 MPa
Water vapour permeability (A+B+C) DIN 23 615	2900 ± 300

APPLICATION

SUBSTRATE AND PREPARATION

The substrate must be sound, clean, dull, devoid of dust and grease. It must be hard, frost resistant and chalking resistant.

Screeds and concrete must have a homogeneous bearing surface, with a resistance to tearing that is greater than 1 MPa. The surfaces must be free of any substance that can reduce adhesion; the tiles and natural stone must be diamond-polished and powder that is on the tiles must be removed. The floors should be cleaned with special products to remove waxes and protective products that may be present on the ground; preferably after the surface is roughened by mechanical means.

PREPARING THE MIXTURE

The environment temperature and substrate must be greater than or equal to +4°C.

Empty components A and B, using a suitable tool, into an "ad-hoc" container to be mixed.

Mix with a mechanical mixer at low speed;

Warning: take the site temperature and, if it is below +12°C, add component C and mix.

When applying the mix, observe pot-life data. (Refer to technical characteristics)

USE

Spread the product on the surface with a short nap roller.

After applying 4-5 m² of the substrate, sprinkle lightly with quartz 0.1 to 0.6

(Consumption: 0.8 kg / m²) on the still fresh RESIPOX W.

Before proceeding with the application of MORTEX or BEALSTONE, it is necessary to wait for reticulation of the product for the times stated below. Then, remove the surplus quartz (sand) before starting the implementation of MORTEX or BEALSTONE.

Component A+B: Type of application +35°C practicable surface: 2 hours

Component A+B: Type of application +20°C practicable surface: 5 hours

Component A+B: Type of application +12°C practicable surface: 7 hours

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Application temperature	mixture	pedestrian area/ sanding after
+35°C	COMP (A + B)	2 hours
+20°C	COMP (A + B)	5 hours
+12°C	COMP (A + B)	7 hours
+12°C	COMP (A + B) + COMP C	4 hours
+7°C	COMP (A + B) + COMP C	6 hours
+7°C	*COMP(A + B) + COMP C + 2% water	6 hours
+4°C	COMP (A + B) + COMP C	12 hours
+4°C	* COMP (A + B) + COMP C + 2% water	12 hours

*In the event an application has a low temperature (lower than +12°C), the mixture will become more viscous. In such a case, only 2% water should be added (on A+B)

Miscellaneous

CLEANING TOOLS

The fresh product can be cleaning using water, and by mechanical means, once dried.

WARNINGS

The product is not able to withstand the movements of the substrate and so may result in cracking due to shrinkage and/or flexion. Moreover, rising damp cannot appear via the cracks .

In the case of high porosity screeds, RESIPOX W paste can be used as a sealant by mixing the quartz in the product and spreading it with a spatula. When dry, apply the product according to the installation protocol on the data sheet.

ADVICE

Adhere to the installation protocols, according to the use of the product. Never use any product, other than those indicated in these specification sheets, to avoid any risk of the product not working.

For the same site and the same type of product, always use products bearing the same batch number.

ENVIRONMENT

Eliminate waste in specialised collection sites.

SAFETY

In the event of ingestion, consult a specialist.

Refer to the safety sheet that is available upon request or which can be viewed on www.beal.be

LEGAL NOTICE

The notice, in particular, the recommendations for the application and use of the products, is provided in good faith and is based on the knowledge and experience that the Company, BEAL, has acquired to date about its products when they are properly stored, handled and applied under normal conditions. In practice, the differences between the materials, substrates and specific conditions on the site are such that this information or any written recommendation, or advice, given do not imply any warranty of merchantability other than the legal warranty against hidden defects. We accept no liability when our product instructions have not been adhered to during the application of a product. All suitability for use and application data and information do not release customers from the requirement to carry out their own checks and testing. All orders are accepted subject to the General Terms of Sale in force. It is essential that users refer to the most up-to-date version of the notice that relates to their product, which will be made available to them upon request.

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