

TECHNICAL DATA SHEET

PA410 -RESIEPOX

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

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Preparation name: **RESIEPOX**

Code: PA410

Use of the preparation: Preparation of concrete surfaces for multilayer systems.

2. DEFINITION

Mortar based on epoxy resins via water and fine mineral loads specially selected to provide the surfaces to be treated with a uniform, resistant and adherent texture, optimal to serve as a link with the following topcoats, in multilayer coating systems. It is packaged in doses of two components to mix on site of 24 +6 Kg.

3. FIELDS OF APPLICATION

Product used for anchoring or joining between concrete and multilayer systems.

Concrete surfaces of sports floors, car parks, urban floors, recreation areas, cycle lanes, etc.

Resiepox is not a finishing product, it must always be sealed, depending on the system you want to obtain.

4. SURFACE PREPARATION

The concrete surface to be treated must have cured, be resistant, smooth, dry and clean and have a certain porosity. In any case, the surface must be free of dust, grease and foreign materials.

Any laitance should be removed by chemical or mechanical treatment.

Cracks and fissures as well as potholes and flaking must be previously repaired.

The temperature of the surface on which it is to be applied at the time of application and until the polymerisation of the product occurs should be greater than 10 °C.

Do not apply if there is an imminent risk of rain. Favour air circulation in enclosed spaces.

5. APPLICATION

RESIEPOX is packaged in doses of two components 24 (A) + 6 kg (B). It must be mixed on site by pouring the contents of the smaller container (Component B, Catalyst) into the free space of the large container (Component A, base), mixing it until a homogeneous mixture is achieved by means of a suitable mixer.

Once the product has been mixed, it must be applied on site before it reacts by pouring the product on the surface to be treated and distributing it in a thin layer by means of a rubber scraper. Do not apply the following layers without drying the previous ones.

While applying, avoid filling hollows with a thickness greater than 2mm in order to achieve a uniform finish and thus avoid cracks appearing in the form of "crocodile skin" once the product is dry.

The utensils and tools used should be cleaned with water.

6. TECHNICAL CHARACTERISTICS

Nature:	Epoxy resins via water
Colour:	Black, grey, red, green and blue
Yield:	Depending on the condition of the application surface from 0.8 to 1.2 Kg/m ²
Drying and polymerisation:	From 3-6 hours (depending on wind, humidity, temperature), to the touch. Curing or total polymerisation, 7 days
Odour:	Weak characteristic
Viscosity:	140 KU (UNE 48076)
Density at 23 °C:	1.70 g/cm ³ . (UNE-EN ISO 2811-1) (Component A, Base) 1.02 g/cm ³ . (Component B, Catalyst)
Slip resistance:	Class 3 according to the Technical Building Code in its Section SU1.
Tensile adhesion:	To concrete, as per UNE - EN ISO 4624 Greater than 1.2 (MPa)

VOC content:

EU limit value for the product (Cat.A/j): 140 g/l (2007) - 140 g/l (2010) Max. in VOC:
30 g/l

7. PRECAUTIONS

Always use clean drinking water.

Apply only to healthy, clean, dry and resistant surfaces that have been properly prepared.

Do not apply at temperatures below 10°C.

Store the product protected from possible frost or exposure to the sun.

The maximum recommended storage is 12 months from its manufacture date in its original unopened container.

For its preservation it is advisable not to add water to the material that will not be used.

The mixed product, at rest, has a shelf life of approx. 2 hours

8. HYGIENE AND SAFETY

Do not eat, drink or smoke during use.

Keep out of the reach of children.

Avoid contact with skin and eyes.

Store the product in dry areas, and at a temperature between 5°C and 35°C.

Do not pour the waste down the drain.

Comply with prevailing Health and Safety at work legislation.

The person responsible for delivering the container waste or used container, for its proper environmental management, will be its final owner.

For more information see safety data sheet.

9. NOTES

The data reviewed here are based on our current knowledge, laboratory tests and practical use in specific circumstances and through objective judgements.

This data sheet overrides and replaces any previous one related to the same product.

MANUFACTURED IN SPAIN.

MANUFACTURED IN THE EU