PAVITAIS BASICO, Epoxy resin to make floors.



Description

PAVITÁIS BÁSICO is a two component epoxy product special for the applycation of base layers on epoxy floors. PAVITÁIS BÁSICO allows the blend with quartz aggregates Arcuais to make self levelling mortars or dry mortars. PAVITÁIS BÁSICO is colourless and must be finished with PAVITAIS PI.

Aplication

On continual pavements in food industry, laboratories, chemical plants, markets, facilities, etc. If it is exposed to solar radiation (weathering) may suffer colour alteration but not decrease flooring properties, for that if it is applyied outdoor would be suitable to finish with a layer of Polyurethane 80/20 in the same colour.

Surface preparation

Must be clean, free of greases, salt, dust, cracks and flakes being compact and dry. Otherwise, required repairs must be done. Concrete must be prepared mainly by mechanicall means.

Modes of application

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Homogenize separately each component.
- Blend A and B components in relation 13,75:1 on weight.
- The admixture must be done manually or low-revolution electric mixer (400-500 rpm).
- The admixuture must be done in quantities to be apply within 1 hour maximum (according with the temperature).
- The addition of Arcuais quartz aggregates must be done over the blend of A+B.
- Concrete surfaces must be prepared by mechanical means by blasting, sanding or scarifying with the aim of removing the surface grout and obtain a surface slightly texturized and with pores open.
- All defects on the support as the loose parts may exist will be removed, cleaned will be replaced with suitable mortars before rendering application. Repairing can be done with DUREPOX THIXOTROPIC or DUREPOX AUTONIVELANTE because the curing time required to apply the rendering is not long.
- New mortars and concrete must be cured for at least 28 days.
- As primer layer is used IMPRIDUR, that is applied by roller on the prepared support.
- It is applied according the situation by toothed trowel or rubber spatula.
- To finish a layer of PAVITAIS PI can be done by trowel or roller on PAVITAIS BÁSICO already dry (after 12 hours of application at 20ºC and 75°% RH).
- It is recommendable to sand vacuuming the dust betwenn each layer application.
- Screeds on ground that don´t have vapour barrier and may have moisture can generate paint blistering. In these cases is recommended to assess the posibility of applying a layer of DUREPOX AUTONIVELANTE as barriere.

Clean up

With epoxi solvent before starting cross-linking, after more mechanical means for cleaning will be neccessary.

Data sheet

DensityA comp 1,146 kg/lt

DensityB comp 0,94 kg/lt

Color(s)Translucent

Mix ratio13,75:1 on weight

Abrasion resistance70 mg (CS 10/1000/1000) (8 days at 23ºC) Test TABER/DIN 53109)

Working temperaturefrom 8ºC to 25ºC

Open Time30 minutes at 20ºC and 65% RH

Adhesion> 1,6 N/mm2 on concrete

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Performance

From 1 to 3 kg/sqm according use

Storage

1 year in their original packages, tightly closed avoiding extreme temperatures, protected from the weather and in dry and open-air place.

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