RESINDUR

RESINFLOOR SYSTEM

cover-lab

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Water based EPOXI floor

Self-leveling mortar based on epoxy resins. Solvent- and water-dilutable, with a matte finish provides excellent adhesion and abrasion resistance. For creating continuous self-leveling floors and repair of industrial floors. It can be used in areas where resistance to heavy traffic is required, such as food, chemical, industrial production areas, loading and unloading areas in industries or supermarkets, etc.

It allows one-handed application layer thickness between 1 mm and 8 mm.

TECHNICAL DATA APPLICATION

MIXING RATIOS:

15,33 kgs of Resindur base (cod 555)
1,5 kg water
2 kgs Epoxi catalyst (cod. 549CATA)
8,5 kgs quartz aggregate de 0,1-0,3 mm

	Base	Catalyst
Sale kit	15,33 kgs.	2 kg.

PREPARATION OF MORTAR: Dilute the ResinFloor leveling mortar (RESINDUR) -Base- with water, then add the catalyst Epoxy and stir until a smooth paste. Then add the quartz sand 0.1-0.3 mm and continue stirring until complete homogenization.

METHOD OF APPLICATION: Spread with a notched trowel appropriate according to desired thickness. Spending roller to remove bubbles and make the applied layer is well matched and evenly distributed. During the application and drying is necessary to have good ventilation

PREPARATION OF SUPPORT: The concrete substrate must be level, dry, healthy, slightly rough, free of grease, dust, loose particles to worn parts. They should have a tensile strength and sufficient to handle the load to which it is to expose the pavement compression. Substrate preparation must be done with appropriate mechanical means.

IMPORTANT NOTE: On porous pavements must be given firstly a hand of epoxy primer Wasserprox For other surfaces consult the technical department.

DRYING AT 20° C and 65% RH: Passable after 4-8 hours. 3-5 days in case of soft thickness. Full load 7-10 days (depending on thickness applied)

PRODUCTION: 2 kg/m2/mm. base+catalyst+water

POST LIFE AT 20ºC: 40 min aprox

product information

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DATA SHEET

PRODUCT DESCRIPTION: Self-leveling mortar based on epoxy resins. Solvent-free and water-dilutable

SPECIFICATION OF THE BASE:

DENSITY	1,74 - 1,76 gr./cc.
SOLID CONTENT	76,00%-78,00% en peso
VISCOSITY	130-140 UK a 25ºC

SPECIFICATION OF THE CATLYST:

STATE	Liquid
COLOUR	Transparent colorless
ODOR	Soft
FLASHPOINT	121ºC PMCC, ASTM D93
DENSITY	1,14-1,15 gr/cc a 25ºC ASTM D445
VISCOSITY	1,14-1,15 gr/cc a 25ºC ASTM D445
WATER SOLUBILITY	Insoluble
SOLID CONTENT	100% to weight

SPECIFICATIONS OF THE MIX:

DENSITY	aprox. 2,0 gr/cc.
SOLID CONTENT	aprox 84,0% to weight

CHARACTERISTICS OF DRIED PRODUCT:

ASPECT	Mate
COLOUR	elected by RAL
HANDLING TIME	40 min
HARDNESS (Shared) 14 days	80
ABRASION RESISTANCE	156 mg/1000 ciclos
ADHENSION TO CONCRETE	3,5 N/mm2
RESSISTANCE TO COMPRESION	40 N/mm2 a los 28 días
TENSILE STRENGHT	8,8 N/mm2 a los 25 días

CHEMICAL RESISTANCE (to 7 days of exposure)

Very good: water, aromatic hydrocarbons.
Good: Trichlor, alcohols (ethanol)
Moderate: mineral acids.
Poor: Organic acids.

data sheet

SECURITY INSTRUCTIONS: Epoxy resins may affect the eyes, skin and mucous membranes, so it is advisable to use rubber gloves and goggles during application. These rules must be observed without fail in enclosed or poorly ventilated places. In case of contact with eyes, skin or mucous membranes, wash immediately with clean water and consult a doctor. Liquid components are pollutants which should not be discharged into drains, watercourses, or on the ground. For more information request Material Safety Data Sheet

EXPIRY OF STORAGE: One year from manufacturing, in its original packaging, unopened, under roof and avoiding frost and exposure to the sun

TDS for Coverlab. The effectiveness of our products is based on research conducted in our laboratories and years of experience in the sector. We guarantee the quality of the work performed with our products are within the parameters of Coverlab provided that our instructions are properly followed and the work is well executed. We disclaim any responsibility if the final result is affected by factors beyond our control. The user must check that the products delivered meet the needs for each target and must take a pretest in cases if necessary. Technical evolution is ongoing, we recommend it is found that the product characteristics have not been modified by a subsequent edition.

The present edition annuls the previous *01/10/2015 Edition*

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