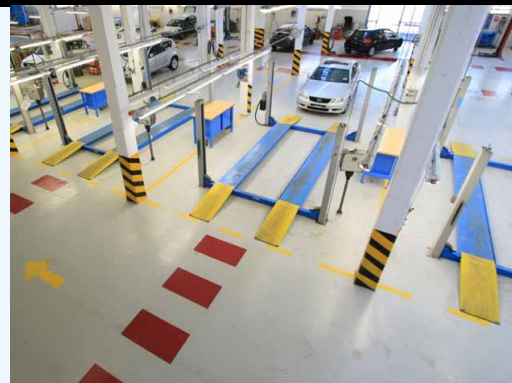


Pavex-2C Mortero

Epoxy mortar with high performances

Epoxy mortar without solvents for screeds and regularizations over concrete.



Product

- Good chemical resistance
- Good anchorage over the concrete
- Excellent resistance to abrasion
- High resistance to compression
- Extremely hardness superior to any other concrete.

Resistance tables

• Dry heat temperature:		130°C
• Wet heat temperature:		75°C
• Saline fog	Resistance	>1000 hours
• Diluted acids	Resistance	>1 year
• Diluted alkalis	Resistance	>1 year
• Marine environment	Resistance	>3 years
• Industrial environment	Resistance	>3 years
• Water immersion	Resistance	>5 years
• Salt water immersion	Resistance	>5 years
• Resistant		-20°C

Characteristics

- Once the components **A** and **B** are mixed, selected grain size arid will be added in proportion 8 arid parts: 1 Resin part **A+B**.
- Mixture life: 15 minutes
- Drying to 20°C and relative humidity 60%
 - Dry to the touch: ≥60 min.
 - Total dry: 8-12 hours
 - Total polymerization: ≥7 days
- Final aspect: Mortar

**These times are contemplated with 20°C and they can oscillate depending on the ambient temperature.*

Performances

- Composition: Two component Epoxy Resin + Selected grain size arid.
- Mass density (Resin + arid): 2,4 Kg/l
- Aspect finish: matt
- Viscosity: 70-80 U. /KREBS
- Compression resistance at 7 days as Epoxy mortar (mixture A+B + arid): ≥ 55 N/mm².

**These results have been obtained with standard essays and they can oscillate depending on the workplace conditions.*

Enforcements

- 100% solids epoxy mortar for making screeds, multi-layer systems and levelling and regularising potholes and cracks in concrete pavements.
- It gives a non-slip, extremely resistant finish, capable of withstanding the traffic of heavy lorries, combat vehicles, heavy machinery, machinery subjected to strong pressures on the ground, etc.
- Withstands pressures of up to 5,500 kg per m².
- Protects pavements subject to heavy traffic from erosion.
- Withstands continuous immersion in industrial and marine waters...
- In chemical and food installations... and industrial vehicles in corrosive atmospheres.
- In interiors

Supports

- Concrete, cements, mortars, previous preparation.

Recommendations

- Application temperatures from: 15 – 25 °C.
- Respect always the same dosage.
- Do not apply over wet floors or subject to possible humidity rising.
- Do not add any additive to the mixture.
- Avoid splashes of the product in the eyes and skin.

Execution conditions

- Over surfaces completely dry and without humidity, clean and without greases or other materials.
- Do not apply with humidity relative superior to 85% and an ambient temperature lower than 15°C.
- Support maximum humidity 4%.
- Apply with good air renovation, 100% solids without solvent.
- Over cement base with complete setting (≥ 28 days).
- Over smooth surfaces, nonabsorbent, open the pore by mechanical means (abrasive spouted, troweled, abrasive disk) accompanied by a deep aspiration.
- To ensure the adhesion, apply previously a primer coat **Pavex-2C primer** with support humidity <4%
- It increases the hardness and resistance in front of abrasion.

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Usage way



Mix up components **A + B** with a low revolution whisk until obtaining a perfect homogenize.

Add the selected of the arid size in the proportion:

1 part of Resin (A+B) + (until) 8/9 parts (depending on grain size) of selected arid.

Shake the resulting until obtaining a homogeneous mass (Possibility or performing mixture with a concrete mixer).

Pour the mortar son the floor or in the zone to be repaired (with a previous

Pavex-2C primer) primer and extend with the help of a trowel and/or helicopter at the desired height.

Let it dry at least 8 hours.

Once the mortar is dry, it admits any kind of seal: **Pavex-2C color, Orfapol 50, Paviplast epoxy...**

Associated products

*Pavex-2C primer

*Pavex-2C color

*Silica sand

*Paviplast epoxy

*Orfapol 50



Packaging

Pack (A+B): 30 kg

Arid: 30 Kg sack

Colors

Resin A+B: amber

Arid: natural color

Other colors consult.

Consumption

±2,4 Kg/m² per pass 1 mm. thickness

**These consumptions can oscillate depending on the support and arid grain size.*

Preservation

In the closed original container (20 °C) and sheltered from outdoors: 1 year

⚠ IMPORTANT

The observations and prescriptions of this data sheet, although corresponding to our best experience, should be considered, in any case, purely indicative, and should be tested by exhaustive practical applications; therefore, before using the product, the user must establish whether or not it is suitable for the intended use, and assumes all liability that may arise from its use. Once the product has been handled or applied, the manufacturer shall not assume any claim whatsoever, nor any liability as to the manner, mode and conditions of application.