

EPOXY COMPOUND

PAVIRAPID[®] A+B

High resistance two-component epoxy mortar. Shrinkage-free, it allows the repair of holes and cavities in concrete floors and the reconstruction of joints.



Description

PAVIRAPID is supplied in a package containing:

- Part "A" - formulated based on epoxy resins, quartz aggregates in granulometric curve, pigments and additives
- Part "B" - amino hardener

The mortar obtained from the mixing of parts A and B has a "moist earth" consistency and is not subject to shrinkage and settling.

The applied product has a rapid development of mechanical resistance, up to obtain excellent values.

Use

Restoration of eroded and crumbling floors.

Reconstruction of joints by "joist method".

Filling holes on concrete floors, resin floors or tiles.

Support

The substrate must have a minimum compressive strength of 25 N/mm² and a tensile strength of 1,5 N/mm².

Preparation of the support

Carefully clean the surfaces to be restored, removing all traces of sludge, inconsistent parts and dust, until the surface is completely revived.

On inconsistent substrates it is good to apply a recovery of FLUIDEPOX for a consumption of 0.500 kg/m².

To proceed with the application of PAVIRAPID it is not necessary to wait for the hardening of the primer, intervening "fresh on fresh".

Application

At the time of application, pour the contents of component B into the container of component A and mix carefully for 2 minutes using appropriate equipment (propeller drill), until a homogeneous mixture is obtained.

To obtain a perfect mixing it is good to transfer the mixture into another container and mix further for 1 minute. Pour the mortar, leveling and smoothing with American trowel. To work better keep the tool clean with rag wet with water.

Product consumption is about 5.6 kg/m² per 3 mm thickness.

Warning

Avoid preparing partial mixtures of the product in order not to incur accidental errors, which could lead to incomplete hardening.

Product for professional use. The purchaser undertakes to strictly follow the above warnings when applying the purchased product and the instructions in the safety data sheet.

PAVIRAPID[®] A+B • Technical sheet • 05/11/2025

Sivit S.r.l.

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Sistema di gestione conforme alle ISO 9001:2015 – ISO 14001:2015 – ISO 45001:2018

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Technical specifications

PRODUCT DATA	
Colour	Grey, red, green
Consumption	1,8 kg/m ² for 1 mm thickness
Specific gravity (at 25 °C)	mixture (A+B): 1,75-1,85 g/cm ³
Viscosity (at 25°C)	mixture (A+B): Consistency of moist earth
Dry residue	98% by weight
Solvent for cleaning tools	UNI Solvent
Storage	12 months, store in a dry place at a temperature between 5 °C and 30 °C

APPLICATION DATA AND TIMING	
Mixture ratio	by weight: A=100, B=8
Pot-life (50% R.H.)	at 5 °C 30-40 min at 25°C - 20 min at 35 °C 10-12 min
Shere to the touch (50% R.H.)	at 5 °C 4-6 hours at 25°C 2-3 hours at 35°C 1-2 hours
Walkability (50% R.H.)	at 25°C 4 hours
Hardening in depth (50% R.H.)	at 25°C 3-5 days
Volumetric shrinkage	Negligible
Environmental conditions of use	Temperatures between +5 °C and +35 °C

TECHNICAL PERFORMANCE DATA	
CE marking (reg. n. 305/2011)	Complies with EN13813:2004. Synthetic resin-based screed materials for use inside buildings.
BCA wear resistance (EN 13892-4)	ARI(85mm)
Impact resistance (EN 6272-1)	IR 24,5
Adhesion force (EN 13892-8)	3,7 N/mm ²

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