

# EPOXY COMPOUND

## PAVIRAPID<sup>®</sup> SGUSCI A+B

### "Anti-shrink" epoxy mortar

Two-component epoxy mortar. Shrinkage-free, it allows the repair of holes and cavities in concrete floors and the creation of wall/floor connection coving.

#### Description

PAVIRAPID SGUSCI is supplied in a pack containing:

- Part "A" - formulated based on epoxy resin and fine-grained quartz
- Part "B" - amino hardener

The mortar obtained by mixing parts A and B has a pasty appearance and is not subject to shrinkage and settling. There is a rapid development of resistances, obtaining excellent values of mechanical resistance.

#### Use

Formation of wall/floor connecting shells.

Filling holes on concrete floors, resin floors or tiles. Connecting chutes 0.5/30 mm.

#### Support

The substrate must have a minimum compressive strength of 25 N/mm<sup>2</sup> and a tensile strength of 1,5 N/mm<sup>2</sup>.

#### 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 0.5 kg/m<sup>2</sup>.

To proceed with the application of PAVIRAPID SGUSCI it is not necessary to wait for the hardening of the primer.

#### Application

PAVIRAPID SGUSCI mortar is supplied in 2 separate components. At the time of application, pour the contents of component B

into the container of component A, mixing carefully for 2 minutes, until a uniform color is obtained. To obtain a perfect mixing it is good to transfer the mixture into another container and mix further for 1 minute. After distributing the product in the area where the filling is to be carried out, smooth with iron trowel or other shaped tool.

Yield per 1 kg of product depending on the radius of curvature of the shell: about 2.8m for 3cm, 1.6m for 4cm and 1m for 5 cm.

#### Technical specifications

PRODUCT DATA	
Colour	Grey, red, green
Smell	Amine
Specific gravity (at 25 °C)	mixture (A+B): 1,80 g/ml
Viscosity (at 25 °C)	mixture (A+B): Wet quartz

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<sup>®</sup> SGUSCI 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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## PRODUCT DATA

Dry residue	98% in peso
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=8,5
Pot-life (50% R.H.)	at 5°C 30 min at 25°C 20 min at 35°C 12 min
Dry 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 5 days
Volumetric shrinkage	Negligible
Environmental conditions of use	Temperatures between +5 °C and +35 °C

## TECHNICAL PERFORMANCE DATA

Compressive strength (UNI 4279)	60 N/mm <sup>2</sup>
Bending strength (UNI 7219)	40 N/mm <sup>2</sup>

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