

# Pavex-2C Flexible

Flexible epoxy resin 100% solids

High performances flexible epoxy resin  
100% solids low viscosity.



## Product

- 100% solids without solvent
- High chemical resistance
- Excellent anchorage over the concrete
- Increases the hardness and resistance against abrasion.
- Terraces waterproofing subjected to high chemical resistance

## Resistances table

• Sulfur acid 2%	Resistance	> 100 h.
• Phosphoric acid 5%	Resistance	> 100 h.
• Citric acid 100%	Resistance	> 100 h.
• Caustic soda 5%	Resistance	> 100 h.
• Pure xylene	Resistance	> 100 h.
• Oil	Resistance	> 1 year
• Gasoline	Resistance	> 1 year
• Industrial environment	Resistance	> 1 year
• Water immersion	Resistance	> 1 year
• Salt water immersion	Resistance	> 1 year

## Characteristics

- Mixture life: 25 minutes
- Application with paste, curler or pistol
- Drying to 20°C and relative humidity 70%
  - Dry to the touch: ±90 min.
  - Total dry: ±12 hours
  - Total polymerization: ±7 days
- Final aspect: Resin amber transparent
- Possibility of adding Pangel, Talcum or marble aggregates until obtaining the desired quantity.

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

## Performances

- Composition: Resin Epoxy Bicomponent
- Mixture specific weight: 0.95 Kg/l
- Aspect finish: bright
- Viscosity: 70-80 U. /KREBS

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

## Enforcements

- 100% solid flexible epoxy resin for waterproofing terraces subject to intense, road and pedestrian traffic.  
Special for reparation and sanitation of floor cracks.
- For the expansion joint refill subjected to high contractions and expansions.
- It supports the continuous immersion in industrial waters, seawaters...
- Fit in chemical installations, alimentary... and industrial vehicles in corrosive atmospheres.
- Outdoors and indoors.
- **Pavex-2C flexible**, will always be protected with **Aliphatic polyurethane**.

## Supports

- Concrete, cements, mortars.

## Recommendations

- Application temperatures from: 10-35°C
- Maximum support humidity: 4%
- Relative support humidity: 70%
- Respect always the same percentage during the mixture.
- Do not add water or any other 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 and other materials.
- Do not apply with humidity superior to 70% and ambient temperature inferior to 10°C.
- Over cement base, its setting must be completed (≥ 28 days).
- Open with radial disc in diagonal cuts at 45° and make a deep aspiration before applying.
- Apply before, **Pavex-2C primer** epoxy primer and moisture <4%.
- Over smooth surfaces nonabsorbent, open the pore mechanically means (abrasive spouted, troweled, abrasive disk) accompanied by a deep aspiration.  
**Pavex-2C flexible** cannot be seen.

# Pavex-2C Flexible

Resina epoxi flexible 100% sólidos

## Usage way



- Mix the components **A + B** with a low revolution whisk until obtaining a perfect homogenizing.
- Vert the resulting mass on the surface to be treated or the

For the repair of joints, granules of **Rubber black SBR** can be incorporated.



### Mixture ratio:

- 1 part **Pavex-2C flexible (A+B)** +
- 5 parts **Rubber black SBR**
- Shake until a perfect wetting from all the rubber particles.

1. Apply a **Pavex-2C primer** epoxy primer (moisture <4%).
2. When it is still sticky, apply the mixture from **comp. A and B + Rubber black SBR**.
3. Important: the mixture of resin + rubber does not guarantee traffic with vehicles.

## Associated products

\*Pavex-2C primer

\*Rubber black SBR

\*Aliphatic polyurethane



## Packaging

Pack A+B: 6.56 kg

Pack A+B: 39,55 kg

## Colors

Resin A+B: amber

Other colors consult.

## Consumption

Performance for joint of 1 linear meter

(1 cm width x 1 cm height)

±0.4 kg Pavex-2C flexible

±0.8 kg Rubber

*\*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.