

Pavex 3D

100% solids solvent free clear epoxy.

2-component solvent-free clear epoxy product with high solids content.



Performances (25°C – 50% H.R.)

- Application temperatures: 15-30°C
- Relative humidity: <50%.
- Specific gravity (25°C): 1,10 +/- 0,05 g/ml
- Viscosity (25°C): 600 +/- 120 Mp (spindle 2, rpm 60)
- Flash point: >100°C
- Compressive strength (UNE 4279): >50 N/mm2 Bending
- strength (UNE 4279): >40 N/mm2 Tensile strength (ASTM D 638): >6 N/mm2
- Hardness (ASTM D 2240): 82 Shore D
- Abrasion resistance (UNE 8298-9): 55-65 mg (TABER Mola CS-17-1000 turns-1000 gr weight)
- Coefficient of linear thermal expansion: 20x10-6°C-1

**These results are standard test results and may vary depending on site conditions.*

Technical data

• Packing	Pack (A+B): 24 kg
• Application temperature	15°C y 30°C, H.R. < 50% y Humedad de soporte < 4%
• Consumption	±1 kg/m2 and mm thick
• Color	Transparent
• Dosage (A+B+C)	Weight and volume: A=100 – B=60
• Pot life (50% HR)	15°C:>90min 25°C:>60min 30°C:>40min
• Dry to touch (50% HR)	15°C:18-22hs 25°C: 8-10hs 30°C: 6-8hs
• Pedestrian traffic (50% HR)	>24 hours (25°C)
• Transitable (50% HR)	>48 hours (25°C)
• Repainting (50% H.R.)	18-36 hours (25°C)
• Deep hardening	>7 days (25°C) 50% HR
• Tool cleansing	Universal solvent
• Preservation	In original closed container (5-35°C), protected from weather and humidity: 1 year.

Optional

This product can be protected against scratches with **Orfapol 50**.

Enforcements

- Applied as a "self-leveling", Pavex 3d allows the background of the surface to be treated to show through.
- Allowing to include objects, drawings, high resolution photos...

*Suitable for stores, offices, show rooms, restaurants and cafeterias...

Supports

- The support must have a mechanical resistance to compression >25 N/mm2 and traction >1.5 N/mm2.

Support preparation

-The supports must be solid, dry (completely set, if they are of new construction), level, absorbent, not contaminated with oils, detergents, powders or other substances.

-Ceramic substrates must be sanded vigorously until a matt surface is obtained.

-On floors already treated with resin, check the perfect adherence of the coating, in this case sand the surface and proceed with the application.

Important

- It is advisable to use high quality vinyls.

- From thicknesses greater than 2-3 mm, can alter and reduce the transparency.

-Before using the product, verify that the component "A" is transparent. The presence of white crystals means a partial crystallization of the product. To eliminate the crystals (reversible phenomenon) heat component "A" in a water bath until a transparent liquid is obtained.

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Application

- Mix the components in the same container and mix with a whisk at low revolutions.
- Distribute the product quickly with a notched trowel.
- If necessary, use a spiked roller to uniform the surface and facilitate the elimination of bubbles.
- Pigments compatible with the product can be used to color the product.
- If Pavex 3d is applied at substrate temperatures <15°C, it may alter the product, resulting in lower chemical resistance due to incomplete curing.

Usage ways

Mix components A + B with a whisk at low revolutions for at least 1 minute, until a perfect homogenization is obtained.

The application is done by pouring.

Times to be taken into account according to temperature:

Temperature	15 °C	25 °C	30 ° C
Induction time (min.)	25'	15'	10'
Time of use (min.)	105'	90'	70'

If the induction times and the time of use are not respected, a deformity in the finish may occur, evidenced by a non-constant brightness.

Associated products

- Orfapol incoloro
- Orfapol 50



Packing

Pack (A+B): 24 kg

Color

Transparent

Consumption

±1 kg/m² and mm thick

Preservation

In original closed container (5-35°C), protected from weather and humidity: 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.