

Sheet:

Cod. 1081

# ***PAVIFER-325***

3D epoxy resin capa gruesa.

- Protective and decorative finish in 3D systems



## PRODUCT DESCRIPTION

**PAVIFER-325** is a two-component, transparent epoxy resin with aliphatic cycle amine, its aesthetic and decorative possibilities are endless, in domestic floors, kitchens and exhibitions... Used as a protector and transparent finish on previous panoramas and decorative designs, also in bathrooms.

## RECOMMENDED USES

**PAVIFER-325** is a clear protective finish for geometry seals in 3D effects.

## FEATURES & BENEFITS

The main features and benefits of the **PAVIFER-35** are as follows:

- Possibility of applying 5 cm. thickness per coat.
- It can be applied in layers nas.
- Very resistant to carbonation on concrete and cement substrates.
- Very good mechanical resistance, once dry it creates a shiny, hard and slightly exible and very resistant layer.
- Chemical resistance to acid and alkali solutions.
  
- Its high resistance to anti-corrosion cycles makes it ideal for the protection of metal surfaces.
- Very transparent, stable and resistant to yellowing.

## PRESENTATION

The **PAVIFER-325** primer is available in metal containers of 10 kg.

Component A (Base):	7,5 Kg.
Component B (Catalyst):	2,5 Kg

## STORAGE CONDITIONS

12 months from the date of manufacture, in its well-closed and non-deteriorated containers of origin, in a dry place at temperatures between +5° C and +30°

RESIN: Part A 12  
months. CATALYST: Part B 12  
months

From the date of its manufacture, in its original containers, well closed and not damaged, in a binding dry at a temperature between +5°C and +30°C

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## TECHNICAL DATA

Base química	Epoxi
Aspecto:	Bright
Color:	Colorless-Transparent
Solid Volume:	100%
Yield:	1 m <sup>2</sup> with 1/kilo and 1 mm thickness
Specific Gravity:	1,600 +/- 0,020 Kilos / Litro
Secado al tacto:	12 hours at 20° C and 60% relative humidity
Puesta en servicio:	48 hours people 72 hours light vehicles 15 days full use
Flash Point:	80° C
COV's:	Complies with Directive 2004/42/EC (RD 22/2006) Annex I subcategory j): 304.8 g/l (500 g/l maximum as of 01.01.2010).

## PRODUCT PREPARATION

- Mix the two components using a low-speed stirrer.
- If the application is made at high temperatures, the life of the mixture can be significantly reduced.
- Drying and hardening time will depend on the ambient temperature and humidity during application.
- If a rough finish with anti-slip properties is desired, sprinkle the first layer with fine silica sand.
- For the treatment of non-concrete pavements, please consult our Technical Department
- Preserve the container from frost and direct sun exposure before mixing, shake component A in its container and then add component B mixing for 2 to 3 minutes until the resulting product is completely homogeneous.
- To ensure correct mixing, pour into an empty container and continue kneading until homogenized. Avoid overmixing to minimize the amount of occluded air.

## CONDITIONS OF APPLICATION

Catalyst:	Catalyst PAVIFER-325
Mixing Ratio:	3 to 1 by weight
Mix Life:	3 horas a 20° C
Método:	Rubber brush, roller, or lip
Dilution:	Epoxy disolvent
Thickness:	300 - 500 micras
Intervalo de repintado:	Minimum: 24 hours at 20° Maximum: 15 days at 20°
Conditions:	Apply at temperatures above +10° C and relative humidity below 80%. The temperature of the paint and the surface should be above this limit.

## APPLICATION DETAILS

Quality of support	The concrete substrate must be compact and have minimum compressive strengths of 25 N/mm <sup>2</sup> and tensile strength of 1.5 N/mm <sup>2</sup> . The substrate must be clean, dry and free of all types of contaminants, such as oils, greases, coatings and surface treatments, etc. When in doubt, apply a test area.
Preparing the Stand	Concrete substrates must be prepared by mechanical means (sanding, shot blasting, or scarifying) in order to remove surface grout and obtain an open-pore, textured surface. The weak parts of the concrete must be eliminated and all possible defects in the substrate must be discovered. Repairs to the support, filling of cavities and levelling of the support will be carried out with appropriate products. The substrate must be primed or leveled to obtain a compact surface. Large stains should be removed by sanding. All dirt as well as loose or poorly adhered parts should be removed before application, preferably by sweeping or vacuuming.
Substrate Temperature	Minimum + 10 °C / Maximum + 30 °C
Temperatura ambiente	Minimum + 10 °C / Maximum + 30 °C
Substrate humidity	≤ 6% by weight Measured with method, CM gauge or kiln drying method. There should be no rising damp according to the ASTM standard ( polyethylene).
Relative humidity	Maximum 75% r.h. Proper ventilation should be ensured to remove excess moisture during curing.
Dew point	¡Watch out for condensation! The substrate and ambient temperature should be at least 3°C above the Dew Point during application.

## CURING DETAILS

Ready-to-Use Applied Product	From 2 min to 24 hours. Times are approximate and may be affected by environmental conditions, especially temperature and relative humidity.
Note	All technical data given in this Product Data sheet are based on laboratory tests. Actual measurements of this data may vary due to circumstances beyond our control.
Local Restrictions	Please note that as a result of specific local regulations the operation of this product may vary from country to country. Refer to the Local Data Sheet for the exact description of the application.
Health & Safety Instructions	For any information regarding safety issues in the use, handling, storage and disposal of chemical residues, users should refer to the most recent version of the Product Safety Data Sheet, which contains physical, ecological, toxicological and other related data related to the use of chemical residues. safety.

## LEGAL NOTICES

This information and, in particular, the recommendations regarding the application and end use of the product, are given in good faith, based on the current knowledge and experience of POLIUREA SISTEMAS of the products when they are correctly stored, handled and applied, in normal situations, within their useful life, in accordance with the recommendations of POLIUREA SISTEMAS. Possible differences in materials, substrates and actual conditions at the place of application are such that no warranty in terms of merchantability or fitness for particular purposes, or any other written advice or advice offered, can be inferred from the information herein, nor from any other written advice or advice offered.

The user of the products must carry out the tests to check their suitability according to the intended use. POLIUREA SISTEMAS reserves the right to change the properties of its products. The property rights of third parties must be respected. All orders are accepted in accordance with the terms of our current General Terms and Conditions of Sale and Supply.

Users should be aware of and use the latest and most up-to-date version of the Product Data Sheets Copies of which will be sent to anyone who requests them, or can also be obtained on the page [www.poliureasistemas.com](http://www.poliureasistemas.com)