

Sheet:

Cod.5027

## ***PAVIFER-305***

**Two-component water-based epoxy primer for concrete substrates, cement coatings, ceramic tiles, with a certain degree of humidity.**

- For substrates with low or medium absorption.
- Applicable in areas with a certain degree of humidity.
- Primer for the application of liquid waterproofing membranes.
- As a fixative primer layer for subsequent finishes
- As a surface fixer
- Binder for leveling mortars and coating mortars.



## Sheet

PAVIFER-305

Edition: January

Page 2 of 5

## PRODUCT DESCRIPTION

**PAVIFER-305** It is a solvent-free, low-viscosity, two-component epoxy primer.

## RECOMMENDED USES

**PAVIFER-305** is a primer for priming concrete substrates, cement coatings and epoxy mortars.

- For substrates with low or medium absorption.
- Primer for the application of liquid waterproofing membranes.
- As a fixative primer layer for subsequent finishes
- As a surface fixer
- Binder for leveling mortars and coating mortars.
- As a fixative primer layer for subsequent finishes

## FEATURES & BENEFITS

It eliminates the formation of soil dust, improves its surface hardness, prevents erosion and wear facilitating the adhesion of other coatings, its main characteristics and advantages of **PAVIFER-305** are the following:

- Low viscosity
- Good penetration
- Excellent adhesion
- Solvent-free
- Easy to apply
- Short waiting times
- Multifunctional
- Easy to apply

## PRESENTATION

The **PAVIFER-305** primer is available in 10 kg metal kits.

Component A (Base):	2 Kg.
Component B (Catalyst):	8 Kg.

## STORAGE CONDITIONS

12 months from the date of manufacture, in their original containers that are well closed and not damaged. Store in a dry place at temperatures between +5° C and +30°.

## Sheet

PAVIFER-305

Edition: January

Page 3 of 5

## TECHNICAL DATA

Chemical Basis	Epoxy
Aspect:	Bright
Color:	Incolì
Solid Volume:	55 %
Yield:	8 - 10 m <sup>2</sup> / kilo
Specific Gravity:	1,100 +/- 0,020 Kilos / Litro
Dry to the touch:	3 hours at 20° C and 60% relative humidity
Commissioning:	48 hours people 72 hours light vehicles 7 days full use
Flash Point:	22° 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 <b>PAVIFER-305</b>
Mixing Ratio:	1.5 to 1 in volume
Mix Life:	6 hours at 20° C
Method:	Airless brush, roller or gun
Dilution:	Water (maximum 20%)
Thickness:	Wet: 150 microns Dry: 150 microns
Refinish Interval:	Minimum: 24 hours at 23° Maximum: 7 days at 23°
Conditions:	Apply at temperatures above +10° C and relative humidity below 80%. The temperature of the paint and surface must 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. Support repairs, hollow filling, and bracket leveling are all 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
Ambient Temperature	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 sheet).
Humedad relativa	Máximo 75% h.r. Debe asegurarse una ventilación apropiada para eliminar el exceso de humedad durante el curado.
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. The 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. Please refer to the Local Data Sheet for the exact description of the fields of 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

In practice, the 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, nor any obligation whatsoever outside of any legal relationship that may exist, 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 local Product Data Sheets, copies of which will be sent to anyone upon request, or can also be obtained on the [www.poliureasistemas.com](http://www.poliureasistemas.com)