

Sheet:

Cod.7039

# ***PAVIFER-450***

**Single-component polyurethane paint based on an aromatic isocyanate**

- Painting of indoor parking lots.
- Painted indoor road signs.
- Repainting of troweled concrete floors indoors.
- Painted from galvanized sheet metal.
- Painted on multiple substrates not exposed to UV rays.



## PRODUCT DESCRIPTION

Single-component aromatic polyurethane paint suitable for consolidating concrete pavements in poor condition. Applied to concrete, it gives the substrate high mechanical and chemical resistance. As it is an aromatic isocyanate, it is only recommended for use on indoor surfaces.

## HOW TO USE

Mortar or concrete substrates must be sound, slightly rough, free of grease, oil, loose particles or degraded parts, surface grouts and well levelled. It is also recommended that they have minimum compressive strengths of 25 N/mm<sup>2</sup> and tensile strengths of 15 N/mm<sup>2</sup>.

## TOOL CLEANING

Tools and tools should be cleaned immediately after use with polyurethane solvent. If the remaining debris catalyzes, it can only be removed by mechanical means.

## IMPORTANT NOTES

Outdoor application should be avoided when environmental conditions may lead to rapid drying of the product (high temperatures, high wind, etc.), as it does not support curing products.

MDI resins can affect the skin and mucous membranes. For this reason, it is advisable to wear rubber gloves and protective goggles during handling. In case of contact with the eyes, wash them with plenty of clean water and see a doctor quickly.

Always read the safety data sheets of any product before use, if you do not understand it, please contact our technical department.

## STORAGE CONDITIONS

In a dry place and at temperatures between + 5 °C. And + 30 ° C. Protect the components from frost.

## CONSERVATION

12 months, from the date of manufacture, in its well-closed and non-deteriorated containers of origin.

## TECHNICAL DATA

Guy:	Pre-catalyzed
Color:	MDI Amber
Density:	Colour Approx.
Layer Thickness:	0.95 gr/c.c
Substrate Temperature:	Between 100 and 200 humid microns
Dilution:	Between +8°C and +28°C.
Repainted:	Do Not Dilute
	Minimum: 1
	hour
	Maximum: 8 hours

## WAITING TIMES 75% R.H.

	10° C.	20° C.
Human Trafficking	2 hours	1 hour
Slight stresses	6 hours	3 hours
Total hardening	24 hours	12 hours

TABLE OF CHEMICAL RESISTANCES		
<b>Inorganic acids</b>		
Sulphuric acid	3%	No alteration
Sulphuric acid	10%	No alteration
Nitric acid	3%	No alteration
Nitric acid	10%	No alteration
Hydrochloric acid	10%	No alteration
<b>Organic Acids</b>		
Acetic acid	5%	No alteration
Oleic acid	99%	No alteration
Citric acid	50%	No alteration
Lactic acid	5%	No alteration
Lactic acid	10%	Slight yellowing
<b>Aqueous solutions</b>		
Bleach (Sodium Hypochlorite)		Slight discoloration
Sun. Sodium chloride	2%	No alteration
Sun. Sodium chloride	20%	No alteration
<b>Alkalis</b>		
Caustic Sosa	5%	No alteration
Caustic Sosa	20%	Slight loss of shine
Ammonia	10%	No alteration
Ammonia	Conc.	No alteration
<b>Solvents</b>		
White spirit		No alteration
Xylene		No alteration
Butanol		Slight softening
Petroleum		No alteration
<b>Other</b>		
Leaded gasoline	98%	No alteration
Unleaded petrol	98%	No alteration
Gas-oil		No alteration
Engine oil		No alteration
Grease		No alteration

## 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 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)