

TECHNICAL DATA SHEET

PAVIMYC

Code: 7807

JANUARY 2015

DESCRIPTION

Two-component epoxy based on polyamide and epoxy resins with excellent hardness and adhesion properties. Ensures effective protection against carbonation of concrete. Good coverage and easy to apply product. Provides a smooth, shiny finish. Pavimyc offers high resistance to acids, alkalis and solvents, and provides erosion protection to concrete pavements exposed to heavy traffic chemical attacks, aggressive cleaning systems, etc.

USE: INTERIOR

Product widely used on concrete floors in: indoor car parks, garages, laboratories, chemical and pharmaceutical facilities, sugar and petrol refineries, electroplating, mechanical workshops, and in general for any type of old and new industrial floorings. It prevents the premature damage of concrete and dust. Suitable for sealing, waterproofing and protecting concrete pavements from a wide range of product leakages. It facilitates cleaning of any stain as long as they are superficial. It increases abrasion hardness and resistance. It boasts an excellent penetration capacity on concrete pores, which added the strong adhesive power of Epoxy resins gives it an outstanding anchorage. Solid and decorative colors.

SURFACE PREPARATION

Floor Conditions: Surfaces must be dry, pavement humidity not exceeding 4%, measured at 2 cm deep. Surfaces must be firm, with a minimal 15 kg/m2 traction resistance, and free from lime milk or grease and poorly attached parts. Surfaces preparation should be done with specialised machines, milling or grit blasting. Vacuum clean dust until thoroughly removed

APPLICATION INSTRUCTIONS

The two components should be mixed homogeneously. Once the mixture is done wait 20 minutes before application. The mixture's useful life is 8 hours. Apply the product using a short -hair roller, brush or spray painting. Normally two coats are required. The first coat diluted with 15% of D-90 Solvent and the second coat with 10%. If maximum chemical resistance is required, apply a third coat, obtaining thus a 3m² per liter coverage. Time between coats must not be below 12 hours or exceed 24 hours. The product must be applied at a temperatures between 15 - 35°C and at a maximum relative humidity of 65%. Its application on surfaces coated with tar and/or bituminous asphalts is not recommended

Use spray gun. Dilute with a 10-15% of D-17 or XL. Repainting: Sand first using quick drying synthetic enamels. Clean-up: D-17 Solvent or Universal Solvent. Stir the recipient contents thoroughly until evenly mixed

DRYING TIMES FOR USE

Pedestrian traffic: 12 hours
Vehicle traffic: 7 days

Finish: Gloss

Color: Grey, red, green, colorless

Mixture viscosity: Min. color 60"- Colorless 30-50" S/FR1002

Mixture density: Color 1.25 +/- 0.05 - Colorless 1.00 g/cc S/FR1001.

Drying time: To the touch: 5-6 hours. Second coat: Min. 24 hours / Max. 72 hours

Solids in volume: (Color) 45-50 %. (Colorless) 35-40% theoretical

Performance: 5- 6 m² / Lt (40 dry microns) for 2 coats

Solvent: D-90

VOC content: 500 g/l


Mixture flashpoint: 24°C approx

Diluted mixture life: 8 hours

Max. continuous temperature: Minimum 8 hours

	WEIGHT	VOLUME
COMPONENT A	4	3
COMPONENT B	1	1

SHIPPING

 **Packaging:** L
Shipping Weight:
Units per pallet:

 **Freight Classification:**
Paint or paint related material. UN1263

 **Transport Information**
Transport Hazard Class 3
(ADR/RID, IMDG, IATA) Packaaina Group III

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CHEMICAL RESISTANCE TABLE

PRODUCT	CONCENTRATION	IMMERSIÓN	RESULT
Sulphuric Acid	5%	300 hours	Resistant
Phosphoric Acid	5%	300 hours	Limited
Acetic Acid	5%	300 hours	Whitening
Nitric Acid	10%	300 hours	Limited
Oleic Acid	20%	300 hours	Resistant
Nitric Acid	10%	300 hours	Resistant
Caustic Soda	10%	300 hours	Resistant
Xylol	100%	300 hours	Resistant
Gasoline	100%	300 hours	Resistant

APPLICATION RECOMMENDATIONS

Remove grease, oil, etc. by washing with a commercial paint cleaner. Thoroughly rinse and allow to dry. Acid and alkali contamination should be removed by thorough rinsing with clean water. Efflorescence or mould on plaster, masonry or timber surfaces must be treated. Rust, millscale, oxide deposits, loose or flaking paint or other foreign material on metal surfaces should be removed in accordance with the requirements of the chosen system.

Use primer, sealer or undercoat where required. Shake the container before application to homogenize the paint and the color.

Respect the recommended application temperature and the drying times between coats (20°C, relative humidity 65%). The thickness of application, temperature and humidity may affect drying times.

Buy only the necessary quantity required, taking into account the m², porosity and support texture. Store the remaining product in a dry and well-ventilated place. Work with the appropriate ventilation and respect the safety precautions norms indicated in the safety data sheet of the product.

CLEANING

Clean the splash and stains immediately with soap water or with an adequate solvent.

Clean tools after use (brushes, rollers, pencils, machines etc.) and let them dry before storing.

Consult your town council about the appropriate recycling method for the container, waste and excess paint, in accordance with the existing legislation and environmental protection principles.



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