

Polypur LMP

Line marking paint for roads and parkings

Specially formulated high build line marking paint based on a modified acrylic/chlorinated rubber hybrid.

CHARACTERISTICS

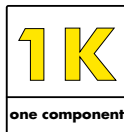
- ▶ Quick drying
- ▶ Durable
- ▶ Easy to apply
- ▶ Suitable for use in both internal and external conditions
- ▶ Good abrasion resistance
- ▶ Excellent resistance against oil, alkalis and hydrocarbon fuels
- ▶ Good adhesion on most substrates
- ▶ Good reflection properties with glass beads



fast drying



abrasion resistant



one component

DESCRIPTION

Polypur LMP is a specially formulated high build line marking paint based on a modified acrylic/chlorinated rubber hybrid.

FIELDS OF APPLICATION

Used as a line marking paint on:

- polyurethane resin based car park coatings and toppings
- epoxy resin based car park coatings and toppings
- concrete surfaces
- asphalt car parks
- airport runways
- school playgrounds and sports floors
- kerbs & stair treads
- factory and warehouse floors

APPLICATION INSTRUCTIONS

Surface preparation

Concrete surface: Clean the surface of all dirt, oil & grease and other contaminants. If required wash the area completely with clean water. Allow the surface to dry.
Asphalt/Tarmac: Clean the surface of all dirt and other contaminants. The surface can be washed with a detergent followed by rinsing with clean water. Allow the surface to dry.
Polyurethane/Epoxy Coated surface: Clean the surface



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of all dust and other contaminants. For old coated areas use a detergent to clean the dirt followed by thorough rinsing with clean water.

CAUTION

- do not use any solvent for cleaning the surface.
- do not apply the paint if the humidity is $> 85\%$ and the dew point is $< 3^{\circ}\text{C}$ since it will prolong the drying time.
- do not apply the paint when rain or sand storm is imminent.

Application

Mix the contents of the pail thoroughly prior to application to remove any sediment. Polypur LMP can be applied with an airless spray, brush or roller. When applying with an airless spray, the tip of the nozzle should be 0.3-0.4mm and applied at a minimum pressure of 2500 psi. Use Polysolvent to thin the coating for the airless spray application. The line marking paint can be applied at a coverage rate of $5 \text{ m}^2/\text{L}$ (200 micron WFT to get a DFT of 120 microns). The second coat if required to build up the thickness can be applied only after the first coat dries off completely (30 minutes @ 25°C). For superior light reflectivity, proprietary glass beads (< 200 microns) can be sprinkled on top of the coating whilst it is still wet.

COVERAGE

Polypur LMP 5 m²/L for 200 micron WFT/ 120 micron DFT

CLEANING

Clean/flush all equipments with Polysolvent immediately after use. Hardened materials can be removed mechanically only.

STORAGE & SHELF LIFE

Store the material in a cool, covered dry and well ventilated place. Due to its low flash point, extreme care needs to be taken to ensure that the pails are not exposed to direct sunlight and should be kept away from all sources of heat at all times. In tropical climatic conditions, the product has to be stored in an air-conditioned environment and protected from high humidity. The shelf life of the product is 12 months in unopened condition if stored as per recommendations. Exposure to high temperature and humidity will result in considerable deterioration of the product and reduce its shelf life.

HEALTH & SAFETY

As with all construction chemical products, caution should always be exercised. Protective clothing such as rubber gloves, safety goggles and face mask should be worn when handling the product. Treat any splashes to the skin or eyes with copious amount of fresh water. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

SUPPLY

Polypur LMP	1L & 4L pail
Polysolvent	5L & 20L pail

TECHNICAL SPECIFICATION

PROPERTIES	VALUES	TEST STANDARDS
Color	Yellow, white & black	-
Finish	Slight sheen	-
Density, [g/cc]	1.45±0.05	ASTM D 1475
Tack free time, [minutes]	10	-
Hard dry, [minutes]	60	-
Minimum over coating [minutes]	30	-
Maximum over coating [minutes]	Indefinite	-
Application temperature, [°C]	5 to 35	-
Application humidity, [%]	< 85	-

All values given are subject to 5- 10% tolerance

Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organisations and trade associations as well as the respective standards. The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23°C and 50 % relative air humidity at laboratory conditions unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.