

Epoxy Line Marker



SINDEC
CHEMICALS

LM-100

100% Solids Epoxy, Available in Yellow, White, Black. Other colours available on request.

Description

LM-100 is a two-component 100% solids epoxy line coating offering excellent abrasion and chemical resistance.

LM-100 provides a tough, hard-wearing line marker coating for high traffic areas giving high film build and good wear resistance.

Line marking walkways in Warehouses, Factories, Food preparation areas, Hospitals, Workshops, Showrooms, Packing and Storage areas. **LM-100** is suitable for walkways, anti-slip maybe required for certain walkways, in wet or oily environments. Used in heavy duty forklift truck traffic areas.

Coverage

Coverage varies widely due to the porosity and profile of different substrates.

Line at 100mm width will yield the following:

2.5 kg Kit - 125 to 150 Linear Metres

5 kg Kit - 250 - 300 Linear Metres

Coverage will vary depending on the texture of the substrate, film thickness and application technique. Two coats are normally sufficient.

Environmental Conditions

LM-100 should not be used or applied at temperatures outside of at range of <10°C to >25°C
*temperature control will be required if below this range.

Maximum application temperature is 40°C. Best conditions are 15°C-25°C, these conditions should be maintained during all the curing time. Application should be done with plenty of air ventilation.

Features & Benefits

- Excellent wear resistance
- 100% solids
- Easy application
- Gloss, easy to clean finish.
- Non-dusting.
- Slip-resistant options available.
- Nonyl phenol free - reduced hazard

Mixing

Pour part B into part A, stir and completely blend both components using a low-speed mixer using paddle mixer for a minimum of 3 minutes @ 300-400 rpm. Transfer mixed resin into a clean new bucket and mix for a 1 further minute.

Product Application

Measure and mark out the position of all lines to be coated. Long straight edges may be marked with accuracy by marking with a chalk line. Masking tape is ideal for crisp edges.

Once mixed, LM-100 should be applied immediately in a thin continuous film. Work the resin into the surface using a roller or paint brush to avoiding pooling.

2 Coats may be required.

Environmental Conditions

LM-100 should not be used or applied at temperatures outside of at range of <10°C to >25°C
*temperature control will be required if below this range.

Otherwise, this will effect the cure period, surface finish and strengths. Surface temperature must be at least 3°C above the dew point. Air temperature should be above 5°C and relative humidity at less than 70%,

Maximum application temperature is 40°C. Best conditions are 15°C to 25°C, these conditions should be maintained during all the curing time. Application should be done with plenty of air ventilation.

Substrate Requirements

Ensure the surface is clean and dry, all oils and grease must be removed using Sindec Degreaser.

If in doubt, apply a test area first.

Disposal of Containers

Empty containers must be handled with the same precautions as if they were full. Treat empty containers as hazardous waste, and transfer them to an authorized waste manager. If the containers still have some material left, do not mix with other product before considering the risk of potential dangerous reactions.

Technical Advice

For further information on this or any other Sindec product, please contact our office.

Health & Safety

Before using this product, please ensure that you have received and read the product Safety Data Sheet. Refer to hazard labelling on the product. Wear gloves and avoid contact with skin and eyes.



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Technical Information

PRODUCT INFO BEFORE APPLICATION

	Component A	Component B
Chemical Description	Epoxy	Polyamine Mixture
Physical State	Liquid	Liquid

Packaging Kits

2.5kg kit - Component A & B

5kg kit - Component A & B

Non-volatile content (%) approximate	>95%	98%
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Colour	Pigmented	Cloudy
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Mixing Ratio	A = 100 by weight	B = 25 by weight
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Use Before	12 months after manufacturing date	
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Pot Life	Temp (°C)	Pot Life
	20	20

Storage	Keep between 15°C and 30°C.
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Shelf Life 12 Months (If unopened)

FINAL PRODUCT INFORMATION

Final State	Rigid, Glossy, Homogeneous material
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Colour	Clear Resin, if pigmented, colour applied will be showcased in the material.
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Hardness (Shore)	80 Shore D hardness after 7 day >58°
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UV Resistance	Undergoes slight ambering under sunlight and UV exposure, hardly noticeable in indoor application. No mechanical properties are affected. It is not evident for most colours.
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Use Temperature	Stable up to 80°C
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Tool Cleaning

Use Sindec Tool Cleaning Solvent

Additional Information

The information contained in this document, and all further technical advice given is based on our present knowledge and experience. However, it implies no liability or legal responsibility on our part. In particular, no warranty or guarantee of product performance in the legal sense is intended or implied as the conditions of use and the competence of any labour involved in the application are beyond our control.

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