

Technical Data Sheet

ARMOFLOOR LM

Floor Line Marking

Description:

ARMOFLOOR LM is a single component high build fast drying line marking coating for floors. It can be applied in one coat on concrete surfaces, epoxy, polyurethane, asphalt and acrylic flooring systems.

Uses:

ARMOFLOOR LM is used as a line marking paint with ARMOFLOOR range of products or car park deck coating systems. It can also be used on:

- General epoxy and polyurethane coated decks.
- Car park flooring.
- Concrete and asphalt flooring in industrial facilities.
- Playground and sport flooring.
- Kerb stones and stair treads.

Advantages:

- Excellent adhesion to various flooring systems.
- Durable with high abrasion resistance.
- Stable colors.
- Ease of application and quick drying.
- For interior and exterior applications.
- Excellent resistance against water, oil and alkalis.
- Good reflection properties when mixed with glass beads.

Instructions for Use:

Surface Preparation:

The substrate should be sound, clean, dry and free from loose material, laitance, dirt, oil, grease or any other contaminants. If needed, wash the surface with detergent and then with clean water. Allow to dry completely before application. Do not use solvent for cleaning floors coated with epoxy or polyurethane coating. On applications on concrete floors, clean with machine grinding or sand blasting in case of deep contaminations.

Before application starts, the substrate should be prepared by patterns and guidance according to the required design. Industrial masking tape could be used for this purpose.

Mixing:

Mix the contents of the can with a low speed mixer for two minutes to homogenize the contents of the container.

Application:

ARMOFLOOR LM can be applied by brush, roller or spray machine. Apply the coating directly to the designed liners. Spread material evenly ensuring rich coverage. If airless spray gun is used, dilute the product with 5 to 10% ARMOSOLVENT. For good results, apply the paint using 40 psi pressure gun with 5 mm nozzle tip.

Apply ARMOFLOOR LM at a rate of 50-60 linear meters at 10 cm width per liter (200 microns wet). If another coat is needed to build up the thickness, then apply the second coat after the first one is totally dry.

Allow the line marking to relax for 5 minutes, then remove patterns and guidelines or tape, and clean the edges of the line marking with a clean cloth and ARMOSOLVENT before drying.

If reflective line marking with glass beads is required, apply the glass beads with size 200u while coating is tacky.

TECHNICAL PROPERTIES:	
Color	White, Yellow
Density	1.4 ± 0.03 kg/lit
Solids by weight	65%
Drying Time	15 minutes @ 30°C
Application temperature	5°C to 40°C
Minimum dry thickness	100 micron

*Values indicated may vary depending on the environment and conditions of the material. Figures given are tested according to standard laboratory conditions.

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Coverage:

ARMOFLOOR LM achieves coverage of 50-60 linear meters @ 10 cm width, 200 microns WFT.

*Coverage rate is an approximate value, and subject to actual site conditions.

Packaging:

ARMOFLOOR LM is available in 20 kg metal containers.

Storage:

Store in original packing in dry conditions away from direct sunlight.

Shelf Life:

ARMOFLOOR LM can be stored for 12 months in a dry sheltered place in its original sealed packing at a temperature between +10°C and +30°C.

Cleaning:

ARMOFLOOR LM is to be cleaned with ARMOSOLVENT.

Remarks:

- ARMOFLOOR LM Should not be applied at ambient temperatures less than 5°C.
- For external application, do not apply ARMOFLOOR LM in a rainy or dusty weather or with high humidity.

Health and Safety:

Avoid contact with eyes and skin. Wear suitable protective clothing such as coveralls, goggles, dust mask and gloves. Use barrier cream. Ensure that there is adequate ventilation. Do not breathe vapour or spray mist. The product is flammable, keep away from sources of ignition. DO NOT SMOKE. Take precautionary measures against static discharge.

FIRST AID:

Eyes:	In the event of accidental splashes, flush with warm water and seek medical advice.
Skin:	Wash skin thoroughly with soap and water
Inhalation:	Remove to fresh air, keep patient rested
Ingestion:	Do not induce vomiting. Seek immediate medical attention.

For further safety information, please refer to ARMOFLOOR LM Material Safety Data Sheet.

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