

Liner® Two-Component Rollable Road Marking Material

GENERAL INFORMATION

Product Name	Liner® Two-Component Rollable Road Marking Material
Product Definition	Highly durable road marking material that contains methyl methacrylate based resin and that is applied using squeegees and paint rollers
Application Type	Rolling
Application Areas	Asphalt or concrete roads, bicycle tracks

PROPERTIES

- 1 It cures due to the addition of the second component and not by the evaporation of solvent. Therefore, it is a low-VOC road marking material and it is environment-friendly.
- 2 Resistant to snow maintenance and tire abrasion.
- 3 Excellent adhesion to surface
- 4 Very easy application using only simple equipment. No need to heat the paint unlike thermoplastics.

TECHNICAL SPECIFICATIONS

Thickness (mm)	1-2 mm
Colors	White, yellow, red, blue, green and other colors upon request
Density (g/cm ³)	1.70 - 1.90
Curing Time*	Approximately 30 minutes at 25°C
Viscosity at 23°C (Daniel Flow Test)	13 - 16
Storage Conditions	Below 30°C and away from direct sunlight
Average Consumption	0.9 - 1.5 kg/m ² (Depends on surface texture)
Hardener Requirement	0.5 - 2 % (Depends on surface temperature)
Skid Resistance	Liner Two-Component Rollable Road Marking Material contains inmix quartz and silica sand, which provides skid resistance.

* Keeping hardener ratio constant, curing time decreases with increasing surface temperature and vice versa.

VALUES EXPECTED FOR WHITE COLOR

	Value	Class
Luminance Factor (β) - EN 1871	$\geq 0,80$	LF ₆
Daytime Visibility (QD)	≥ 100	Q ₂
Chromatic Coordinates (x,y)	complies with EN 1436	complies with EN 1436
Skid Resistance (SRT)	≥ 60	S ₄

EQUIPMENT

- Liner Two-Component Rollable Road Marking Material can be applied by squeegees and paint rollers.
- This application type does not require specialized equipment. Only squeegees and paint rollers are needed.
- For more information on the squeegees and paint rollers that can be used, you may contact our company.

TRANSPORTATION AND APPLICATION

- Liner Two-Component Rollable Road Marking Material is transported in 25 kg metal drums.
- One 20' container can carry up to 10 ton, one 40' container can get up to 20 ton of road marking material.
- Settlement can be seen in 1-2 months after the production date. Material can be made homogenous again by agitation.
- Before adding hardener, road marking material should be agitated for 1-2 minutes until it becomes homogenous.
- Road surface should be cleaned of dirt and dust before application. Otherwise, adhesion to road surface will be less.
- If application will be made on smooth concrete surface, it is recommended that concrete be trimmed and primer be applied on concrete after trimming is complete.
- Application should be made when surface temperature is between 10 - 50 °C. Otherwise, road marking material may not cure completely.
- Do not use synthetic thinner for thinning the material.
- After road marking material is cured, the accumulated dirt and dust may be cleaned with water at low pressure.

