

# Liner® Spray Two-Component Road Marking Material

## GENERAL INFORMATION

Product Name	Liner® Spray Two-Component Road Marking Material
Product Definition	Highly durable road marking composed of methacrylate resin that is applied by spray machines
Application Type	Spray
Application Areas	Edge lines or special road markings (pedestrian crossings, chevron highlights, bus stops)

## PROPERTIES

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|---|--|
| 1 Solvent-free, cures using a hardener. | 2 Shows high resistance to external forces including harsh weather and tire friction |
| 3 Very adhesive.                        | 4 Fast application and fast curing.  |

## TECHNICAL SPECIFICATIONS

Thickness (mm)	Up to 1mm
Colors	White, yellow, red, green, blue and other colors are available upon special request
Density (g/cm <sup>3</sup> )	1.50 - 1.70
Curing Time*	Approximately 10 Minutes at 25°C
Viscosity at 23°C (Krebs Units)	195 - 105
Storage Conditions	Below 30°C and away from direct sunlight
Consumption for 600 micron Thickness	0.90 - 1.02 kg/m <sup>2</sup>
Hardener Requirement	Liquid hardener (40% BPO). Please ask for a list of recommended hardener producers.
Reflectivity	It is recommended that 450 ± 50 g/m <sup>2</sup> drop-on silane-coated glass beads applied for retroreflectivity. Please ask for a list of recommended glass bead producers.

\*Curing Time decreases with increasing temperature

## EN CLASSIFICATIONS

	Value	Class
Luminance Factor (β)	≥ 0,80	LF <sub>6</sub>
Daytime Visibility (QD)	≥ 100	Q <sub>2</sub>
Night Visibility (RL)	≥ 200	R <sub>4</sub>
Skid Resistance (SRT)	≥ 50	S <sub>2</sub>

## EQUIPMENT

- A 50:50 or 98:2 application machine is required.
- Internal or external mixing methods are possible.
- Cleaning is really important for 2-component spray machines to avoid clogging.
- Please contact us for a list of recommended machines.

## SHIPMENT AND APPLICATION

- Liner 2K is transported in 25 kg pails.
- A 20' container can take up to 15 tons of paint, a 40' container can take up to 25 tons of paint.
- There may be slight settlement in pails after 1-2 months. Agitating will ensure homogeneity.
- Stir the 2K paint with a clean mixer for 2-3 minutes before adding hardener.
- Do not waste time and apply the material as quickly as possible after adding hardener.
- Clean and dry the road surface before application. Use a waterjet to scrap off old paint.
- Make sure surface temperature is between 10 - 45°C for application.
- Never use synthetic thinners to thin the paint.
- Make sure the machine is cleaned immediately after the application to avoid blockages.
- The paint can be cleaned with fresh water to remove accumulated dirt and bitumen.

