

1. Product Description

StenCoat® CR-L is an acrylic latex-based road marking paint. It is single-component and solvent-free. It is easy to apply and it dries quickly.

StenCoat® CR-L is resistant to traffic and outdoor conditions. It meets the requirements of EN 1871 and TT-P-1952F Type I.

2. Uses

StenCoat® CR-L is used as a marking and line paint on asphalt and concrete surfaces. It is designed particularly for airports. It is suitable for marking all airside surfaces such as runways, aprons and taxiways.

It is also suitable for asphalt and concrete roads, parking lots, sidewalks, industrial facilities and other areas that need marking. It is preferred in traffic-exposed applications where water-based, solvent-free materials are required. Its special chemistry makes it dry faster and last longer than ordinary water-based paints.

3. Application

3.1. Surface Preparation

Application surfaces must be as clean as possible. There must be no fuel, oil or standing water on the surface. Application must not be carried out if the surface temperature is below 10 °C or above 50 °C. There must be no previously applied paint or standing water on the surface.

3.2. Application

StenCoat® CR-L is supplied ready to use. It is applied by spraying. It can be applied to small areas with a brush or roller.

Thinning the paint is not recommended. Where unavoidable, up to 600 ml of water can be added per bucket. The recommended application rate is 450-600 g/m².

If necessary, the maximum application amount must not exceed 800 g/m² in a single coat. Reflective glass beads must not be mixed into the material; they must be sprinkled onto the paint after it is applied to the surface. Excess beads can be removed after the paint has dried sufficiently. Following the application, wet paint must be protected from water for 1 hour.

3.3. Cleaning

Equipment contaminated with uncured product can be cleaned with water. Water will not dissolve cured product; cured product residues can be removed with suitable solvents. Pumps, lines and nozzles must be flushed with water at the end of each work period.

StenSolver CL may also be used to flush cured product residues from pumps, lines and nozzles.

Acrylic Latex-Based Road Marking Paint

Highlights

- Solvent-free
- Provides high visibility
- Can be used with glass beads to provide reflectivity
- Resistant to outdoor conditions
- Dries quickly
- Practical to apply
- Available in catalog colors



4. Safety

Applicators and supervisors must read the Safety Data Sheet (SDS) carefully and follow the instructions provided. Emptied packages must be disposed of in compliance with relevant regulations and laws. The application must be carried out by skilled workers under the supervision of experts and the applicators must use all personal protective equipment required for the worksite and the task such as goggles, mask and gloves.

5. Storage

Storage temperature must be between 5 and 30 °C. Packages must not be exposed to direct sunlight. Under these conditions, the material will retain its properties in unopened containers for 12 months from the production date.

Protect the product from freezing. Frozen material cannot be reused.

6. Disclaimer

This document is provided for general information and is based on **Stenkim®**'s laboratory data and field experience at the time of publication. **Stenkim®** reserves the right to revise this information without prior notice.

Stenkim® warrants that its products conform to the stated specifications on delivery. The buyer is responsible for determining the product's suitability for the intended purpose and for all conditions of transport, storage, application, and use. **Stenkim®** accepts no liability for results obtained under conditions outside its control. **Stenkim®**'s liability under this warranty is limited to replacement of non-conforming product and excludes any consequential or indirect damages.



7. Technical Data

Property	Method	Result
Color		Color Catalog
Base Polymer		Acrylic Latex
Solids Content (by weight)	ASTM D 2369	74% ± 3%
Solids Content (by volume)	ASTM D 2697	60% ± 3%
Recommended Consumption		450-600 g/m ²
Recommended Application Thickness		300-400 µm
Density (as supplied)		1.54 ± 0.05 g/cm ³
Density (Dry Film)		1.9 ± 0.05 g/cm ³
Fineness of Grind (Grindometer)	ASTM D 1210	<3 µm
Flexibility	ASTM D 522	<13 mm
Adhesion (Cross-Cut Test)	ASTM D 3359	GT 1-2
Viscosity	ASTM D 562	85 ± 5 K.U.
Tack-free Time (300 µm) @20 °C	TS 4317	10 minutes
Full Cure Time (300 µm) @20 °C	TS 4317	45 minutes
Shelf Life		12 months
Packaging		25 kg packages
Related Standards		EN 1871, TT-P-1952F Type I

Stenkim® reserves the right to make changes to the values in this table at any time.

