

## 1. Product Profile

**StenCoat® CR-LID** is an acrylic latex-based road marking paint. It is single component and does not contain VOC. It is easy to apply and it dries quickly. Catalog colors are available.

**StenCoat® CR-LID** is resistant to traffic and outdoor conditions. It completely meets the requirements of TT-P-1952F Type III: Increased durability.

**StenCoat® CR-LID** is available in 18,9 L packages.

## 2. Uses

**StenCoat® CR-LID** is used as a road marking paint on asphalt and concrete surfaces. Designed especially for airports. It is suitable for marking every surface like runways, aprons, taxiways. It can also be used on asphalt and concrete motorways, parking lots, sidewalks, industrial facilities and other areas that need marking. It is especially preferred in applications where waterborne no VOC marking is required.

Due to its special chemical structure **StenCoat® CR-LID** has a faster curing time and long service life compared to regular water-based paints.

## 3. Surface Preparation

Application surfaces must be clean, dry and sound. Remove all oil, dust, grease, dirt, loose rust and other foreign material to ensure adequate adhesion. Application should not be done if it is below 10°C or above 50°C.

Surface should be free of previously applied paint or puddle.

## 4. Application

**StenCoat® CR-LID** is ready to use. It is intended for spray application but narrow areas can be painted by brush or roller. Thinning the paint is not recommended. If it is mandatory 600 ml (2 1/2 cups) water can be added to 1 whole bucket. The recommended application amount is 450-600 g/m<sup>2</sup>. If necessary, the maximum application amount should not exceed 1.5 kg/m<sup>2</sup> in a single coat.

Reflective glass spheres should not be mixed with the paint, but should be sprinkled on the paint after it is applied to surface. Excess spheres can be removed after the paint has dried sufficiently. Following the

## Acrylic Latex Based Marking Paint

### Highlights

- Single component acrylic latex resin
- No VOC
- Provides high visibility
- Glass beads can be added for reflectivity
- Resistant to outdoor conditions.
- Dries quickly
- Long service life
- Easy to use

application, wet paint should be protected from water for 1 hour.

## 5. Cleaning

Equipment used can be cleaned with soap and water at the end of the job. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment.

## 6. Safety

Applicators and supervisors must read Material Safety Data Sheet (MSDS) carefully and observe the considerations written therein.

Emptied packages must be handled in compliance with relevant regulations and laws.

## 7. Storage

The material must be kept in dry indoor storage. Recommended storage temperature is 10-30°C. Stored

in these conditions, the shelf life of unopened containers are 6 months. Packages to be used must be kept at 20-30°C for a couple of days before the application.

## 8. Company Liability

The information contained in this document is based on site experience of and laboratory tests done by Stenkim® and meant to give general information. It is

the purchaser's responsibility to ensure applicability of products to their use. All Stenkim® products are available in specified quality and conditions. The company accepts no liability whatsoever unless the transportation, storage, application conditions and customer use are overseen by Stenkim®. Stenkim® reserves the right to update all information contained in this document without notice.

## 9. Technical Data

Property	Method	Result
Colors		Color Catalog
Base Polymer		Acrylic Latex
Solids Content Weight %	ASTM D 2369	74±3
Solids Content Volume %	ASTM D 2697	60±3
Recommended Consumption		450-600 g/m <sup>2</sup>
Recommended Application Thickness		300-400 microns
Density (As supplied)		1.54±0.05 g/cm <sup>3</sup>
Density (Dry Film)		1.90±0.05 g/cm <sup>3</sup>
Grind Fineness	ASTM D 1210	<3 microns
Elasticity	ASTM D 522	<13 mm
Adhesion	ASTM D 3359	GT 1-2
Viscosity	ASTM D 562	85±5 K.U.
Tack Free Time (300 micron) @ 20°C	TS 4317	10 minutes
Full Cure (300 micron) @20°C	TS 4317	45 minutes

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