

Chlorinated Rubber Road Liner Paint KPI-700



Description

Happilac Chlorinated Rubber Road Liner Paint is a quick drying line marking paint for use on bare concrete or asphalt. It is a modified chlorinated rubber and resin blend based paint designed to meet the requirements of road line marking and off street line marking applications. It is fast drying which helps minimize traffic hold ups.

This product has exceptional resistance to gasoline, oil and water and does not bleed on asphalt. It has excellent adhesion to only cured asphalt, concrete, brick and other surfaced highways. Due to its superior adhesion to the surface, it has good resistance to wear and tear normally associated with foot and automobile traffic. It can be applied with or without glass beads. Happilac Chlorinated Rubber Road Liner Paint may be reflectorised through the addition of glass beads to the surface of the paint film in order to improve night visibility, ensuring road safety.

RECOMMENDED USE

Happilac Chlorinated Rubber Road Liner Paint is suitable for roads, car parks, factory lines on asphalt and concrete roads, primarily for curbstones, speed humps or other areas with light traffic to mark the colored stripes (white or yellow) for traffic on roads, highways, motorways, Zebra crossings at signals, curb stones, road blockades / barriers, parking lots, parks and taxiways. It may also be used on aged blacktop, thermoplastic coverings, and most types of painted lines and floor paints.

FEATURES

- Excellent eye visibility
- High durability, reflectivity and good color stability
- Best adhesion on asphalt and concrete
- Excellent wear properties
- Excellent weather shielding properties
- Fast drying with smooth final finish

TECHNICAL & APPLICATION DATA

Composition	Modified chlorinated rubber plasticized and resin blend, pigmented with organic, inorganic and selected extenders.	Application method	Roller, Brush or Airless spray
Solid content	75 ± 1 %	Shelf Life	12 months
Density	1.50 ± 0.02	Packing Size	3.64, 18 and 20 Liters
Flash point	30 °C	Thinner / Cleaning Solvent	Happilac Road Liner Thinner
Finish	Flat, Smooth & Matt	Thinning	As per requirement
Color	White, Yellow & Black	Theoretical Spreading Rate	2.8 m ² / liter / coat
Drying Time at 20°C	Touch Dry: 10 – 15 min Hard Dry: 1 – 2 hours	Practical Spreading Rate	Practical coverage may depend on surface profile, method of application and losses
Film Thickness	100-150 µm	Beads Usage	Drop on wet paint film
Component	Single pack	Storage	Store in a tightly sealed container in a cool, dry place

SURFACE PREPARATION

Surface preparation is the most important step in the paint process because coating will not adhere to dirt, grease or oily surface. Some surfaces with oils contain paint-repelling ingredients that must be removed before painting. The quality of the prep work directly affects the life of the paint, and if you skip this preparation step, you likely will be spending time and money on repairs later. The road surface must be dry and free from dust, mud, sand, grease, salt and any other contaminants, especially moisture because it is very dangerous to adhesion.

Surfaces should be free from all foreign material. Old paint films must be brush blasted or scuff sanded prior to coating. Unknown old paint surface should be tested for lifting or peeling. If it does, clean to sound substrate and treat as new surface.

There must not be any water residue on the surface of the substrate. Moisture must be <4% before application. Avoid high humid conditions when condensation is likely to interfere and also when the surface temperature is at least 3°C above dew point.

MATERIAL APPLICATION

Apply one good coat or two nominal coats with spray or a suitable roller and obtain the desired coverage. Adequate ventilation is an ideal situation as it helps in drying and gives good application.

APPLICATION: To be done by brush, roller or spray. Pressure should be 2200 – 2500 psi for airless spray or 50 – 60 psi for conventional spray. Nozzle size should be 0.017 - 0.020 inches.

In case of large areas to be covered usage of motorized road marking spray equipment is highly recommended. Applicator may refer to the correct techniques with the technical department. For smaller areas a regular roller or a brush may be used. One can add 10 – 15 % of Happilac Road Liner thinner for ease of application of brush/roller/or spray viscosity.

NOTE: In order to add the reflectance of the paint, enhance by addition of glass beads of the required specification by dropping/smearing the same on the applied surface in wet condition.

Caution: Over diluting would result in sag and run downs.

SAFETY & PRECAUTIONS

- Use proper PPEs (Face mask, safety shoes, gloves, goggles etc.) at the time of application.
- Do not dispose of unwanted paint and thinners that will enter drains and water ways.
- Do not apply when surface temperature is below 5°C.
- Do not apply in environments of high humidity/moisture.
- Apply in calm fine weather conditions.
- Keep away from sources of ignition (No smoking).
- Keep out of reach of children.
- Check cross cut adhesion test of old coating before repainting.
- Apply a test sample for compatibility of this product over a small test area.

STORAGE & MATERIAL HANDLING

- Store in a well-ventilated area, cool and dry place in original packing away from incompatible materials.
- Protect from direct sunlight.
- Keep containers tightly closed and sealed until ready for use.
- Containers that have been opened must be carefully closed and kept upright to prevent wastage and contamination.
- Store below 35°C.

HEALTH HAZARDS

- Material is highly dangerous if melted, may cause severe damage to eyes.
- For minor eye contact, wash with plenty of water, do not use any medicine unless prescribed by a physician.
- Check for and remove any contact lenses.
- If irritation, persists immediately consult your local doctor or visit the nearest hospital.

WARNING: Scraping/sanding off previously painted surfaces may release hazardous dust or fumes which are highly toxic. Take protective measures thoroughly when rubbing off the old surfaces.