

## CR Based Road Marking

### Description

Happilac Road Marking Paint is a blend of modified alkyd and chlorinated rubber resin based paint with the higher level durability than alkyd road marking paint. It has excellent coverage and outstanding glass beads holding retention. It is available in yellow, white and black colors.

### Recommended For

Happilac Road Marking Paint is suitable for motorways, highways, city roads, parking lines and factory floors.

### Features

- Excellent abrasion resistance
- Excellent bleed resistance
- Resistant to mild chemical attack
- Excellent resistance to abrasion
- Air drying with smooth final finish

### Limitations

- Drying time may vary depending on weather and drying conditions
- Not recommended for use over damp/wet surface

### Product Information

<p><b>Composition:</b> Modified alkyd, Chlorinated rubber mixture, pigments and specialty additives.</p>	<p><u>Binder type</u> Modified alkyd/CR</p> <p><u>Pigment type</u> TiO<sub>2</sub>, Iron oxide, Chrome yellow</p> <p><u>Volume solids</u> 54 ± 2 %</p> <p><u>Weight solids</u> 72 ± 2 %</p>
<p><b>Certifications:</b> VOC compliant in all regulated areas. OHSAS : 18001 ISO : 14001 ISO : 9001</p>	<p><u>Specific gravity</u> 1.45 ± 0.02</p> <p><u>Odor</u> Slightly odor</p> <p><u>Viscosity</u> 1500 ± 2 cP</p> <p><u>Flash point</u> 23 °C</p> <p><u>PH</u> Not applicable</p> <p><u>Application</u> Brush, spray marking machine</p>
<p><b>Technical Help:</b> Happilac Paints technical department is always available to assist you in the correct use of our products.</p>	<p><u>Finish</u> Matt</p> <p><u>Thinner</u> Happilac Road Liner Thinner</p> <p><u>Thinner</u> As per requirement</p> <p><u>Dries by</u> Evaporation, Oxidation</p> <p><u>Surface dry</u> 10 minutes</p> <p><u>Hard dry</u> 7-8 hours</p> <p><u>Recoat</u> Ensure complete drying</p> <p><u>Drying and recoat times are temperature, humidity and film thickness dependent</u></p>
<p><b>Storage:</b> The product must be stored in cool, dry and well ventilated place away from source of heat and ignition. Keep the container closed and upright and handle with great care.</p>	<p><u>Coverage</u> 14-16 m<sup>2</sup>/liter/coat</p> <p><u>Film thickness</u> 25-30 microns per coat</p> <p><u>Packing</u> 3.64 ltr</p> <p><u>Storage temperature</u> 4-30 °C</p> <p><u>Color Range</u> White, Yellow, Black</p>

## Epoxy Floor Coating

### Description

Happilac Epoxy Floor Coating is a high build, durable, 2 pack epoxy. It is designed to provide excellent abrasion, outstanding mechanical properties combined with resistance to mild acids, bases and other chemicals to concrete floors. It has been especially formulated to provide fast drying and long work time for easy application. It can be applied at low temperature to provide hard wearing, colorful surfaces suitable for heavy foot traffic and rubber tired vehicles. It cures to smooth semi-gloss finish which is easily cleaned.

### Recommended For

Happilac Epoxy Floor Coating is suitable for industrial floors, car parks, beverage plants, refineries, dairies, food process units, computer access floors, pulp mills, poultry farms, construction industry and other chemical industries.

### Features

- Fast Walk-dry time
- Excellent wear resistance
- Excellent chemical resistance
- Superior to chlorinated rubber
- Minimizes maintenance costs
- Brightens working environment
- Easy application
- Easy cleaning
- Available in semi gloss and matt finish

### Limitations

- It is not recommended for surfaces known to suffer from rising damp.
- Pot life is small.

### Product Information

General Properties		Coating Properties	
<b>Specific Gravity</b>			
Component A	1.35±0.05	Flexibility	Good
Component B	0.930±0.05	Water resistance	Excellent
Mixing ratio	3:1 (Vol/Vol)	Abrasion resistance	Good
Pot Life	Approx. 1 -1.5 hours @ 30°C	Corrosion resistance	very good
Thinner	Epoxy Thinner	Shelf life	1 year
Flash Point	27°C	Temperature resistance	up to 100°C
Covering	9-10 m <sup>2</sup> /liter/Coat	Chemical resistance	Good
Recommended WFT	150-200 micron/Coat	Surface staining may result from exposure to some aggressive chemicals. Good housekeeping practice requires that spills be quickly removed and washed away.	
Recommended DFT	125-175 micron/Coat		
<b>Drying/Curing @ 30°C</b>			
Tack Free	2-3 hours		
Recoating time	20-24 hours		
Cure time	5-7 days		

### Surface Preparation

#### Concrete:

Remove any old, loose material and laitance by wire brushing. Acid etching or sweep blasting technique can also be used. New concrete must be at least 28 days old. Wipe any old or grease by using suitable surface degreaser. Hose off with high pressure water. Captive blast clean to expose firmly held aggregate to industrially accepted standards. Allow to dry before application. Blowholes and other defects should be filled with suitable filler. Wash the surface by washing with fresh water and allow drying.