



ttc Road Marking Paint

Product Description

A high quality, single backed alkyd modified chlorinated rubber paint that is specially designed for road marking.

Product uses:

As a quick drying line marking paint for use on bare concrete or asphalt. May also be used on aged blacktop, thermoplastic coverings, and most types of painted lines and floor coatings. Suitable for roads, car parks and factory lines. Also in can be used to mark the colored stripes (white or yellow) for traffic on roads, high ways, motor ways, Zebra crossing at signals, curb stones, road blockades/ Barriers, Parking lots, Parks and gardens, Air Field Run ways, and Taxi ways

Properties

- Fast drying.
- Easy application.
- Excellent adhesion.
- Very tough and abrasion resistant.
- Excellent UV resistance
- Excellent weather durability.
- Very low maintenance/repair costs
- Resistant to petrol, diesel, engine oil, water etc.

TECHNICAL PROPERTIES

<i>Appearance/Color</i>	Matt – available in white, black , yellow , and red color.
<i>Density:</i>	1.40 kg/liter
<i>Volume solids %:</i>	62 %
<i>Theoretical spreading rate:</i>	4.14 m ² /ltr (150 micron DFT) 2.96 m ² / kg (150 micron DFT) 41.4 LM for 10 cm width line (150 micron thickness)
<i>Consumption:</i>	0.240 – 0.250 ltr/ m ² – 0.337 – 0.345 g /m ² for 150 micron thickness
<i>Recommended DFT: (Dry Film thickness)</i>	150-200 micron
<i>Flash Point:</i>	22° C. /68°F
<i>Surface dry:</i>	10-15 approx. min (s) 23°C/73.4°F 50% R.H.
<i>Light foot traffic</i>	1-2 hours (23°C and 50% R.H.)
<i>Full dry:</i>	4 hours (23°C and 50 % R.H.)
<i>Application temperature:</i>	+10 °C/50° F and +35 °C/ 95°F

Application Details

<i>Application method:</i>	Brush / Roll / Airless Spray
<i>Thinner:</i>	Road Marking Thinner
<i>Thinner Amount:</i>	Brush (Do not Thin) – Roller (10 %) - airless Spray (5%)



Surface Preparation:

The surface to be over coated must be dry and free from debris before commencement of coating. Dry brushing should be done to remove dirt and dust. A fresh water wash is recommended. New concrete should be left for at least 21 days to cure before coating. The moisture content of the concrete surface should be checked and ensured to be below 6% when measured with a reliable moisture meter.

Preceding coat:

For Asphalt Surfaces: There is no primer to be applied.

For Concrete Surfaces one of the following products is recommended to applied :

- Top Clear AC-7070
- Top Floor TS 500-SB

Light reflection:

For light reflection, use good quality Glass Beads. The glass beads should be sprinkled evenly on the surface immediately upon application of road marking paint while the paint is still wet. Consumption up to approximately 8.6 kg. per 20 kg of paint.

Application remarks:

When asphalt is not fully hardened and compressed prior to paint application, the risk of cracking and lifting on edges of paint lines will increase. Bleeding may occur with certain asphalt mixtures. It is recommended to apply a (small) test patch on asphalt substrates, prior to full application, in order to check for bleeding and lifting of edges. To achieve the best result, **ttc Road Marking Paints** should be applied undiluted, by means of airless spray.

Important Remarks:

- Surfaces must have enough structural strength.
- Concrete should have minimum of 25 N/mm² compression resistance and minimum 1, 5 N/mm² tensile strength.
- Applications below 10°C should be avoided.
- The surface should be protected from moisture and rain for 6 hours after application.
- All application tools and equipment should be cleaned with **Toluene** immediately after the use. Cured material can only be removed mechanically.
- Use only where application and drying can proceed at temperatures above: 10°C/50°F. The temperature of paint itself should be 15°C/59°F or above.
- NOT recommended for use over damp/wet surfaces.

Shelf life & Storage:

18 months from date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +30°C.

Safety:

For information and precautions on the safe handling, transportation storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.



Legal Notice:

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