



TRAFFIC PAINT - COLD ACRYLIC ROAD MARKING PAINT

Product description:

MANDEGAR AC is one component product ,designed and formulated based on thermoplastic acrylic resin. According to the type of resin used, it is used for road marking in regions with moderate climate (please consult the experts of Saba Shimi Co. to know the type of road marking suitable for the consumer's weather conditions). Among the salient features of this product, we can mention excellent wear and weather resistance, resistance to rotting and high shelf life.

Application:

- Axial marking on urban and rural highways and roads
- Manual execution for marking and drawing traffic signs and patterns
- Manual implementation of transverse lines such as pedestrian lines

Applicable surfaces :

- Asphalt
- Concrete (it may require a primer for concrete)

Surface preparation :

- The surface must be completely clean, dry and free from dust, oil and grease.
- Concrete curing agents must be removed before implementation. Light sanding with suitable abrasives is recommended.
- Any loose particles on the surface should be removed.

Storage:

This product should be stored in standard conditions (temperature 25 °C) and in dry, cool conditions and away from direct sunlight. The warehouse for storing this product should have a proper ventilation system and be away from heat and combustion sources. If the above-mentioned cases are observed, the expiration period of this product is 12 months after production.



Product feature	Quantity	Standard
Color	White, yellow, red and black (available in different colors)	ISIRI 21194
Viscosity (krebs)	95 ± 15	ASTM D562
Density (gr/cm3)	1.45 - 1.6	ASTM D1475
Surface drying time (thickness 380 microns)	Maximum 30 min	ASTM D711
Complete drying time (min)	Maximum 240 min	ASTM D1640
percent solids by weight (percent)	Minimum 70	ASTM D2369
Brightness factor 45° (reflection)	White: Minimum 80	EN 1871
	Yellow: Minimum 50	
Coverage wet film m2/lit	6.5	ASTM D2196
Abrasion test after 1000 rounds with cs-10 abrasive and 1 kg weight	Maximum 100 mg	ASTM D4060
Resistance to salt solution	No destruction and blistering	BS 6044
Resistance to solvents and fuels	No destruction and blistering	BS 6044

Application method:

- Roller (roller)
- Spatula and Draw box
- It is worth noting that the maximum recommended thickness for this paint is 1.5 to 3 mm.
- Open the lid of the paint container (component A) and mix the contents inside the container completely, then add the accelerator (Component C) and mix until complete homogeneity. Then add BPO hardener (component B) to the completely homogenized mixture of component A&C and mix again.
- Asphalt temperature during application should be at least 10 degrees Celsius and at least 3 degrees Celsius higher than the dew point. The moisture content of the substrate should not be more than 4% by weight. The coating should not be exposed to oil, chemicals or mechanical stress until completely dry.

LEGAL NOTES : The information contained in this Technical Data Sheet is based on laboratory testing and practical experience. Actual performance may vary depending on substrate condition, application method, and environmental conditions. Users should test suitability before large-scale application.

Head Office : Building No.15 , Qasimlu Street 40, Shahidan Zargata Quarter 24, Zone 1, Sulaymaniyah 46001, Iraq

Factory : Tanjaro Industrial Area – Sulaymaniyah – Iraq