



Product description:

TRAFFIC PAINT - 3-K COLD PLASTIC (98:2 Manual)

MANDEGAR 3K-CP(98:2M) is designed and formulated based on methyl methacrylate resin. This paint consists of component A (~ paint 96%) and component B, a curing agent (peroxide powder~2%) and component C, a brown liquid (Accelerator ~2%), which are added to component A during application. The special features of this product include excellent leveling, good durability and durability, resistance to rotting and high stability. The main advantage of this paint compared to two component paint (2K-CP) is that it does not get dirty.

Application:

- Manual apply for marking and drawing road signs and patterns (speed of asphalt straws, writing, direction arrow, speed limit, etc.)
- Manual apply of transverse lines such as pedestrian blocks

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 5 - 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 6 months after production.



Product feature	Quantity	Standard
Color	White, yellow and red (available in different colors)	
Viscosity (krebs)	105 ± 15	ASTM D562
Density (gr/cm3)	1.80 ± 0.10	ASTM D1475
Pot life	2-10 min	ISO 9514
Surface drying time (thickness 380 microns)	Maximum 20 min	ASTM D711
Complete drying time	Maximum 60 min	ASTM D1640
percent solids by weight (percent)	98 ± 2	ASTM D2369
Brightness factor (reflection) 45o	White: Minimum 80	EN 1871
	Yellow: Minimum 50	
Coverage (m2/lit)	Minimum 6.5	ASTM D2196
Abrasion test after 1000 rounds with cs-10 abrasive and 1 kg weight	Maximum 75 mg	ASTM D4060
Skid resistance (SRT)	Axial lines : Minimum 45 Horizontal lines : Minimum 55	EN 1436

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.

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