

Road Marking Paint for KS M 6080 The 5th Class

Road Marking Paint for KS M 6080 The 5th Class is the room temperature curable binder Methacrylate resin and asphalt products, concrete and metal (iron) with excellent adhesion and durability is excellent 3-component high performance coatings

- Make sure that the remaining paint after use should be sealed.

CHARACTERISTICS

- This is excellent adhesion to asphalt and concrete
- Abrasion resistance and durability are excellent
- Construction of various types are available
- Excellent impact and abrasive resistance
- Excellent adhesion to beads

SHELF LIFE

- 12 months at room temperature.

RECOMMENDED USE

- For marking traffic lane on asphalt or concrete roadway and airstrip.

PRECAUTIONS

- When painting in the room, make sure to change air and wear the protecting gloves and mask.
- Keep adequate ventilation during the application
- Keep it away from ignition.
- Make sure that the remaining paint after use should be sealed and kept out of the children in the dark place.
- Please treat it with the paint 28 days after the cement mortar got the final treatment and it is below ph 9 and 8% moisture content.
- Make sure that the paint should not be kept for a long time after opening and the remaining paint should be sealed after use.
- When painting in the room, make sure to change air and wear the protecting gloves and mask.
- Avoid painting in a rainy or humid day (over 70%).
- MSDS is recommended for more information.
- Don't use the mixing product after pot life.
- Do not use other purpose except original recommended use.

PHYSICAL PROPERTIES

- Colors White, Yellow, Blue, etc.
- Pot life 5~10 min/25°C
- Hardening time 10~30 min/25°C
- Cars can pass the time 10~60 min/25°C
- Volume Solids 99.9%
- Theoretical Coverage 0.7~0.8kg/m²
(Film thickness 500 μm)

THINNER

- None

CATALYST

- A2 catalyst
Catalyst must put into part B

MIXING RATIO

- (A: Hardener) : B = (100 : 4) : 100 (by weight)
- A2 catalyst : 10g/10Kg (Less than 15°C)
20g/10Kg (Less than 5°C)
- * Hardener must put into part A

PACKING UNIT

- part A : 10kg
- Part B : 10Kg
- Hardener : 0.4kg

STORAGE CONDITIONS

- Store it indoors.
- Temperature : Less than 25 °C
- Relative Humidity : 0~70% (sealed condition)

* This document is exact, but it can be changed for quality improvement without notice. For more detailed information, contact to Technical Center of our company.

☞ This document contains purchasing information as well as a construction manual based on international standards ISO/IEC GUIDE 14(product and service information for customers) and ISO/ IEC GUIDE 37(product instruction manual for customers)

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SCOPE

This Direction for use applies to **Road Marking Paint for KS M 6080 The 5th Class**.

This is a standard guide. If there are anything different from the specification at the workplace, please follow the specification.

WORKING CONDITION

Products	color	Coating Tools	
Primer	a clear liquid	brush, roller	If necessary, the use of concrete
Road Marking Paint for KS M 6080 The 5st Class	Various colors	Dedicated tools	Part A, PartB, Hardener Mixed

- Coating Method: Dedicated tools
- Painting Tools: power mixer, brush, roller, masking tapes and so on.
- Mixing Ratio
 (A:hardener):B = (100 : 4) : 100 (by weight)
- A2 catalyst: 10g/10Kg (Less than 15°C)
 20g/10Kg (Less than 5°C)
- Pot Life: 5~10 min (25°C)
- hardening time: 10~30 min (25°C)
- Application Conditions

	Material(°C)	Surface	Ambient	Humidity(%)
min	5	0	0	0
nor	21~25	21~26	21~26	Below 65
max	25	40	30	Up to 70

* These can be different under the working environments.

* In case of excess the limitation, contact our technical service.

SURFACE TREATMENT

(Concrete)

- Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating.
- Primer can work without
- Make surface flat with granuler removing protrusion of concrete surface.
- The cure time of concrete.

Temperature(°C)	Drying times (days)
24	More than 28
21	Upper 30
10	Upper 40
7	Upper 60

(Asphalt)

- Please treat it with the paint 20 days after the asphalt mortar got the final treatment.

- Oil on the surface of asphalt contained 5~7 times the water is completely dry after washing.
- Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating.

DIRECTIONS FOR WORK

- Check the cleaned well surface.
- If there are some water it must be dried and must be not dusty.
- the case of the concrete surface to improve adhesion before doing only the primary coating may be able to do.
- Depending on the Temperature changes by adjusting the amount of hardener can be used.
- If those maximum recoat times have been exceeded, the surface must be abraded by sweep blasting or sanding prior to the application of additional coats.
- Don't use the mixing product after pot life.

PRECAUTIONS

- Make sure to keep the ratio of the prescribed mixture. If this ratio is not correct, it can cause the paint film not to harden well and wrinkle.
- Hardener must be stored by avoiding any moisture and direct light and in case of storing in dry and cool place
- Hardener(BPO hardening power) must never come into contact with catalyst
- Personnel protective clothing should include goggles, rubber gloves, and full length clothing.
- If you work at the high direct rays of the sun, it can cause the paint to swell. Please avoid painting it at this condition
- High temperature of surface may cause to some problem of product, so it is moderate to work between 10°C and 40°C of surface temperature.
- Keep adequate ventilation during the application.
- When painting in the room, make sure to change air and wear the protecting gloves and mask.
- Make sure that the remaining paint after use should be sealed and kept out of the children in the dark place.
- Asphalt surface after removing the oil and construction
- Fully induration after the car passes.
- After the work surface completely dry.
- Keep it away from ignition.
- Appropriate precautions should be taken to avoid eye and skin contact and to avoid inhalation of the aerosols or vapors.

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- MSDS is recommended for more information.
- Do not eat absolutely
- Avoid painting in a rainy or humid day (over 70%) and under less than 5 °C as it can make poor paint film (Cracks or bad adhesion in the coating layers).
- Must not use this product for other purposes except for its own use.

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