

Air drying Paint for KS M 6080 The 1st Class

Air drying Paint for KS M 6080 The 1st **Class** is made by mixing synthetic acrylic resin and extender of white or yellow as a solvent type.

CHARACTERISTICS

- Very rapid drying and good workability.
- Excellent hiding power and adhesion properties.
- Excellent abrasion resistance.
- Excellent alkali, water and weather resistance

RECOMMENDED USE

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

PHYSICAL PROPERTIES

- Colors: white, yellow, blue, ets
- Volume Solids: white(46%), yellow(46%)
- Recommended dry paint film: 75 μm
- Theoretical painting rate: 15 cm x 41m//liter
- Drying time: Less than 20 minutes

THINNER

- thinner 001 (winter)
- thinner 003 (summer)

PACKING UNIT

- 18 liter
- Could be packed on request.

SHELF LIFE

- 12 months at the normal temperature

STORAGE

- Store it indoor at room temperature.
- Humidity : 0 ~ 100% (unopened condition)
- Must keep sealed remained product once opened.

PRECAUTIONS

- Keep adequate ventilation during the application.
- Store it indoor and cool place and keep away from ignition.
- Use masks, gloves, or other protector during the application.
- Store the remaining materials quite sealed after use.
- Do not exposure to the moisture.
- Keep away from children during coating and storing.
- In case of ingestion or skin contact, administrate first aid according to notice on container or Material Safety Data Sheet(MSDS), and see the doctor immediately.
- Do not use other purpose except original recommended use.

* 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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LIMITS

This Product Guide applies to Air drying Paint for KS M 6080 The 1st Class.

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

SURFACE PREPARATION

- It should be free from oil, salinity, moisture, dust and other foreign substances.
- Oil should be removed using the diluting agent #001 of our company.
- Dust on the surface should be removed using vacuum cleaner or high-pressure gas.
- WORKING CONDITIONS
- Operation condition temperature $5 \sim 40^{\circ}$ C,

relative humidity below 85%

- Mixing No addition just use originally

Coating method brush, roller, spray
Mixing ratio less than 10% (thinner)
Drying time Less than 20 minutes
* It depends on the operational condition.

* Do not apply unless surface is 3°C above the dew point.

DIRECTIONS FOR WORK

- Before coating, enough surface treatment of substance.
- The surface should be clean and dried.
 - * Nozzle caliber and spraying pressure are recommended options. They can be changed in accordance with the working conditions.
- Painting methods
 - ① Stir thoroughly before application.
 - ② Application should be avoided below $5\,^{\circ}\mathbb{C}$ or RH above 85%.
 - ③ As the rapid evaporation, you should seal it tightly.
 - ④ You can use the thinner 001(for winter) or thinner 003(summer) if you need.
- **PRECAUTIONS**
- Avoid painting in a rainy or humid day (over 85%) and under less than 5°C as it can make poor paint film (cracks or bad adhesion in the coating layers).
- MSDS is recommended for more information.
- Personnel protective clothing should include goggles, rubber gloves, and full length clothing.
- 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.
- Keep adequate ventilation during the application.
- Keep it away from ignition.
- Make sure that the paint should not be kept for a long time after opening and the remaining paint should be sealed after use

- Do not apply when air or surface temperature is below 10°C or when rain or high humidity is imminent.
- Do not use it with other paints.
- When you paint it on the previous paint film for repair, please check if it is suitable to them before use.
- Please wash the part of your body exposed to the paint.
- Keep it from the reach of children. Make sure that it should not be taken, inhaled or exposed to the skin.
- Do not use it other than its use.

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