
JSP-M249 : Hot Melt Road Marking Paint for M249(Thermoplastic)

INTRODUCTION

- **JSP-M249** is consist of synthetic resin with pigment(White, Yellow, Blue).
- No solvents. Hot-melt type
- It can be used in Road, Taxi way, runway and also meets the M249.

CHARACTERS

- Hot melt type
- Quick dry(Complete dry Within 3min)
- No Solvent
- Excellent Durability, adhesion, concealment with colors.
- Special Resistance to water, alkali, weathering.
- Environment Friendly and convenient for using soluble resin bag with inner contents.

USAGES

- Middle line on the Asphalt or Concrete road, Marking pedestrian Zone, Cross, Stop line for car, Parking line, edge, end line, No passing zone, Special Marking

PHYSICALS

- Appearance Powder
- Colors White, Yellow, Blue
- Theoretical dry thickness 1.5mm
- Theoretical Usage 461g/m, 15 cm (3 kg / m²)

* Above data is our experienced, Therefore, Be careful to the situation of actual field.

STORAGE

- Room temp at storage
- RH: 0~99% (Sealed situation)
- Make sure sealing lest material after use.

PACKING UNIT

- 20kg, 25kg

This data can be changed without any notice, Therefore take reference or call us make sure with our Technical part before using in detail things

☞ 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)

Hot Melt Road Marking Paint for KS M 6080 The 4th Class(Thermoplastic)

DESCRIPTION

For the Actual operation of JSP-M249, this guide will be applied

This is General guide, Therefore, the job of actual field should be according to the specific field manual for operation

SURFACE TREATMENT

- Remove oil, water, dust, sand, weathered old film and etc on the Road.

OPERATION

Coat primer for hot-melt(0.2kg/m²) on the cleaned Asphalt or concrete road with brush and roller.

- At least, Over 1 hour later after primer coating at the Temp of 20°C, Coat main Thermoplastic with even thickness. Before Coating, make sure the well melted situation. (Slowly stir at 180°C~200°C)
- 30cm linear Cut on the bag, pour 1/3 of inner contents and then Pour all with bag itself for the First bag entering into Heating pot.
- Stop car passing before operation and pass car after 20 min later of complete curing.
- Be careful to maintain 180°C for melting well in heating pot. And choose best way in Auto spray and manual coating.

DRYING TIME

- Complete curing : Max 3min / 25°C

NOTICE

(Primer Coating)

- Remove oil, water, dust, sand, weathered old film and etc on the Road.
- Water on Road makes vapor foams on the film, Dust and deteriorated materials makes adhesion loosened to the peeling of film finally(After rains, frost and mist)
- Coat even, Within 8 hours after well mixed.
- Long time after primer coating to Main coating makes adhesion loosened, Therefore, Coat Primer again for the long time waiting.
- Do not use at above RH 85% or below 5°C.
- After Primer coating, Be careful cleanness on the surface by cars.
- Make sure on the surface without dew, frost or water, Use at over 3°C than dew point which makes water from the difference of temperature between air and the surface of road (Especially for winter, moisture can be freezed on the surface of road).
- At some case, Adhesion to concrete road may be weaker than on Asphalt road for the laitance.

- Only Use our specialized primer, unless there will be matters in adhesion.

(Main Coating)

- Measure the Temperature with Thermometer to avoid overheating over 200°C, And Don't let the melted contents be in the condition of 4 hours, 200°C at least. (Long time remaining in heating pot makes pigment turned to be different color).
- The proper temperature of heating pot is 180°C~200°C, Stir whole contents in heating pot at least 30min.
- After complete melting and mixing at 180°C~200°C, Move contents to marking operator maintaining the temperature range 180°C~200°C.
- Overheating over 200°C makes color difference of pigment.
- Melting contents at below 180°C makes some problems of adhesion and durability.
- Water on road makes bubble at coating time.
- Mix well, There may will be accumulated with glass beads in heating pot.
- Do not use at above RH 85% or below 5°C.
- Be careful at the thickness of 1.5mm (Unless cracking and defection can be occurred).
- Use exact type for season(for spring, summer, winter) and call us in difficulty of choosing.
- Be careful sending in heating pot without any dust.
- To use another color of product, Make the heating pot clean to avoid deterioration.
- Because of small holes and moisture on the road of concrete, Thick coating at 180~200°C can makes bubbles.
- At some case, Adhesion to concrete road may be weaker than on Asphalt road for the laitance.
- At coating on already coated face, the adhesion will be weakened.
- Keep bags clean and remove dust from bags.
- If bag get wet, make it dry and use.

(After Operation)

- After operation, Turn off gas valve and continue to stir to the temperature, below 160°C (Unless glass beads, Pigments can be accumulated and makes some problem for the next time).
- Be careful for the lest products from rain and frost or some dust, water, etc.

This data can be changed without any notice, Therefore take reference or call us make sure with our Technical part before using in detail things

☞ 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)