Low VOC Solvent Based Traffic Paint

Product Type: Low VOC Solvent Based
Product Code: 985151 985152 985153
Product Color: White LF Yellow Black
Description: SB WHT 100 VOC AA2886B
SB YEL 100 VOC AA2886B
SB BLK 100 VOC AA2886B
SB RED 100 VOC AA2886B
SB BLUE 100 VOC AA2886B
SB GREEN 100 VOC AA 2286B
Specification: Meets Federal Specification AA-2886B Type II
Effective Date: March 1, 2019

Product Description:
A user friendly, fast drying, low voc acrylic solvent based traffic paint suitable for application by airless or air atomized equipment. May be used to stripe roadways, airports and parking lots with or without pressure applied glass beads. It offers similar performance benefits of a high VOC alkyd resin solvent based paint, and quickly dries to a no track condition. The product conforms to Federal Specification A-A-2886B

Product Advantages:
- Low VOC - 100 grams per liter maximum
- Performs equally well on both asphalt and concrete
- Paint demonstrates excellent bead retention
- Keeps traffic control to a minimum when striping
- Can be used for symbols, legends and lane marking

Physical Characteristics:
% Total weight solids: 68% minimum
% Total volume solids: 50% minimum
% Non-Volatile Vehicle: 30% minimum
% Viscosity in Krebs Units: 70-85
Contrast ratio 5 wet mils: 0.92 minimum
Reflectance/white: 85 minimum
Reflectance/yellow: 50 minimum

Dry Time: Without drop on glass beads, this paint dries to a lab ASTM D711 no pickup in less than 10 minutes @ 15 mils when ambient and surface temperature are 77°F at 50±5% humidity. When glass beads are applied at a rate of at least 6 pounds per gallon to a 15 mil wet line, the field applied paint will dry to an ASTM D713 no track in less than 5 minutes when applied at the weather conditions above.

Limitations:
- Applying a test strip to determine dry to no-pickup time when the humidity is higher than 65%. Cone whenever necessary.
- Do not heat paint in stripping system above 60°C.
- Do not apply when temperatures are below 3°C.
- Do not apply when rain is forecast.
- Do not apply when temperatures are near or below the dew point or rain is forecast within 1 hour.
- Do not thin more than 5% with acetone, and then use immediately.

Packaging:
This paint is available in 5 gallon pails, 55 gallon drums and 275 gallon totes. Other packaging available on request.

Storage:
Shelf life of the unopened product is one year minimum from date of manufacture with proper storage and minimal agitation. Proper storage includes inside or covered, above 35°F (3°C), and out of direct sunlight. Outside storage for short intervals is acceptable.

Conditions for Application:
All surfaces must be clean, dry and free from oil, grease, antifreeze, loose sand, aggregate and chipping/peeling existing striping. Any curing compounds used on new concrete must be mechanically abraded off prior to striping. When striping on freshly sealed surfaces use caution as some sealers can affect the curing and adhesion of traffic paint. When in doubt, always test adhesion. For complete drying and minimum dirt retention when striping parking lots, the lots should be closed to traffic for two hours minimum after painting. New asphalt and concrete should be allowed to cure for a minimum of 30 days to maximize adhesion and durability. Normal application thickness is 11 wet mils for parking lots and 16 wet mils for road markings.

Coverage:
1 gallon yields 240 feet of 4" stripe @ 18 mils; 400 feet of 4" stripe @ 12 mils.

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