Low VOC Chlorinated Rubber Traffic Paint

EF Series

Product Type: Low VOC Solvent Based
Product Code: 985291 985297
Product Color: White Lead Free Yellow
Description: SB WHT 150 VOC CHL RUB ALKYD
SB YEL 150 VOC CHL RUB ALKYD
Specification: Performance of AA2886B
Effective Date: March 1, 2019

Product Description:
A user friendly, fast drying, low voc 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 all of the benefits of a low VOC solvent based paint, and quickly dries to a no track condition. This product meets the performance properties of US Federal specification A-A-2886B.

Product Advantages:
- Below 150 VOC – use year round
- Product reduces and cleans up with acetone
- 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

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 18 wet mils for road markings.

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

Physical Characteristics:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Total weight solids</td>
<td>70% minimum</td>
</tr>
<tr>
<td>% Pigment solids</td>
<td>54% minimum</td>
</tr>
<tr>
<td>% Non-Volatile Vehicle</td>
<td>30% minimum</td>
</tr>
<tr>
<td>% Viscosity in Krebs Units</td>
<td>80-90</td>
</tr>
<tr>
<td>Weight per gallon</td>
<td>11 lbs/gal min</td>
</tr>
<tr>
<td>Contrast ratio 15 wet mils</td>
<td>0.96 minimum</td>
</tr>
<tr>
<td>Reflectance/white</td>
<td>80 minimum</td>
</tr>
<tr>
<td>Reflectance/yellow</td>
<td>50 minimum</td>
</tr>
<tr>
<td>VOC in grams/liter</td>
<td>150 maximum</td>
</tr>
</tbody>
</table>

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 2 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 striping 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 year round.

Further, retroreflective striping may not be applicable on new pavement such as new asphalt. 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 18 wet mils for road markings.

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