

EF Series

Fast Dry Low VOC Solvent Based Traffic Paint

PRODUCT DATA

Product Type: Fast Dry Low VOC Solvent Based
Product Code: 985691 985697
Product Color: White Lead Free Yellow
Description: SB WHT 150 VOC HWVW1
 SB LF YEL 150 VOC
HWVY3 Specification: WA DOT 9.34.2(4)
Effective Date: **October 31, 2016**

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 WA DOT Specification 9-34.2(4) for Low VOC Solvent based Traffic Paint.

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 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 14 days to maximize adhesion and durability.

Coverage:

1 gallon yields 320 feet of 4" stripe @ 15 mils; 400 feet of 4" stripe @ 12 mils.

Physical Characteristics:

% Total weight solids:	65% minimum
% Total Pigment solids:	53% maximum
% Viscosity in Krebs Units:	75-85
Weight per gallon:	11.8 lbs./gal min
Contrast ratio 5 wet mils:	0.92 minimum
Reflectance/white:	80 minimum
Reflectance/yellow:	50 minimum
Titanium Dioxide in white:	1 lb. minimum
Titanium Dioxide in yellow:	0.2 lbs. 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 1 minute 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 immediately.

The product data offered herein is, to the best of our knowledge, true and accurate, but all recommendations are made without warranty, expressed or implied. Because the conditions of use are beyond our control, neither Ennis-Flint nor its agents shall be liable for any injury, loss or damage, direct or consequential, arising from the use or the inability to use the product described herein. As Ennis-Flint has neither control over the installation of product described herein nor control of the environmental factors the installed markings are subjected to, there is no guarantee as to the durability or the retroreflective properties of any marking system applied. No person is authorized to make any statement or recommendation not contained in the Product Data, and any such statement or recommendation, if made, shall not bind the Corporation. Further, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents, and no license under the claims of any patent is either implied or granted.

