

# EF Series

## Low Temperature Waterborne Traffic Paint

### PRODUCT DATA

Product Type: **Low Temperature, Fast Dry Waterborne**  
Product Code: **985351            985352            985353**  
Product Color: White            LF Yellow            Black  
Fed color 595B 37925            33538            37038  
Description: WB WHT LOW TEMP  
                  WB YEL LOW TEMP  
Specification: Meets performance of TT-P-1952F  
Effective Date: December 20, 2017

#### Product Description:

A user friendly, high solids, fast drying waterborne traffic paint suitable for application by airless or air atomized equipment at film thicknesses between 10 and 15 mils at surface and air temperatures down to 35 ° F and rising. 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 water reducible paint, and quickly dries to a no track condition. This paint meets the performance of TT-P-1952F Type I and II.

#### Product Advantages:

- Non-flammable and below 150 VOC
- Product reduces and cleans up with water
- Performs equally well on both asphalt and concrete
- May be applied down to 35° F with proper cure
- 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 6 to 9 months 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



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#### Physical Characteristics:

|                                     |                        |
|-------------------------------------|------------------------|
| <b>% Total solids/weight:</b>       | <b>75% minimum</b>     |
| <b>% Total Solids/volume:</b>       | <b>60% minimum</b>     |
| <b>Weight % Pigment Solids:</b>     | <b>58-62%</b>          |
| <b>Viscosity in Krebs Units:</b>    | <b>75-85 at 77° F</b>  |
| <b>White Reflectance (Y value):</b> | <b>84 minimum</b>      |
| <b>TiO2 in white:</b>               | <b>1.0 lbs minimum</b> |
| <b>TiO2 in yellow:</b>              | <b>0.2 lbs minimum</b> |
| <b>TiO2 in black</b>                | <b>0.0 lbs</b>         |
| <b>Hiding at 15 mils wet:</b>       | <b>0.98 minimum</b>    |
| <b>VOC in grams per liter:</b>      | <b>150 maximum</b>     |
| <b>Weight per gallon:</b>           | <b>13 lbs minimum</b>  |

**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. The no track and through dry times will increase as the temperature decreases.

**Limitations:** Applying a test strip to determine dry to no- pickup time when the humidity is higher than 65% or the temperature is between 35-55° F ambient and surface. Cone whenever necessary.

- Do not heat paint in striping system above 110° F.
- Do not apply when temperatures are below 35 ° F.
- 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 water and then use immediately.
- Do not apply if temperature is expected to fall below freezing for 2 hours after application.

#### Coverage:

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

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