

EF Series

High Build Fast Dry Waterborne Traffic Paint

PRODUCT DATA

Product Type: High Build Fast Dry Waterborne
Product Code: 985221 985222
Product Color: White Lead Free Yellow
595B Color #: 37925 33538
Description: WB WHT FAST DRY
 WB YEL FAST DRY
Specification: Meets Federal Spec TT-P-1952F Type III
Effective Date: July 25, 2018

Product Description:

A 100% acrylic polymer latex 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 30 mils. 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 TT-P-1952F Type III and matches the color standards outlined in the specification as noted above.

Product Advantages:

- Non-flammable and below 100 VOC
- Product reduces and cleans up with water
- Performs equally well on both asphalt and concrete
- May be applied up to 30 wet mils thick
- Excellent bead retention with both standard and large beads
- 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 solids/weight:	75% minimum
% Total Solids/volume:	60% minimum
Weight % Pigment Solids:	60-62%
Viscosity in Krebs Units:	83-90 (II min.)
White Reflectance (Y value):	85 minimum
TiO2 in white:	1 lbs minimum
TiO2 in yellow:	0.2 lbs minimum
Hiding at 5 mils wet:	0.92 minimum
VOC in grams per liter:	100 maximum
Color match maximum:	6 Delta E

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. A 25 mil line should dry in less than 3 minutes when field applied as described 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 110°F.
- Do not apply when temperatures are below 50 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 for a 15 mil line or within 2 hours for a 25 mil line.
- Do not thin more than 5% with water and then use immediately.
- Do not apply if temperature is expected to fall below freezing for 6 hours after application.



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