

EF Series

Standard Waterborne Traffic Paint

PRODUCT DATA

Product Type: **Standard Dry Waterborne**
Product Code: **3080 3081**
Product Color: White Lead Free Yellow
Description: WB WHT REG DRY P3080
WB YEL REG DRY P3081
Specification: Meets the performance of TT-P-1952B
Effective Date: July 15, 2013

Product Description:

A user friendly, standard dry waterborne 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 water reducible paint, and quickly dries to a no track condition. Performance and color properties of this paint meet TTP1952B.

Product Advantages:

- Non-flammable and below 150 VOC
- Product reduces and cleans up with water
- Performs equally well on both asphalt and concrete
- Paint demonstrates excellent bead retention
- Can be used for parking lots, symbols, legends and curb marking

Packaging:

This paint is available in 5 gallon pails and 55 gallon drums. 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:	58% minimum
% Total Solids/volume:	47% minimum
Weight % Pigment Solids:	46-52%
Viscosity in Krebs Units:	75-90
White Reflectance (Y value):	84 minimum
Yellow Reflectance (Y value):	50 minimum
Hiding at 5 mils wet:	0.92 minimum
VOC in grams per liter:	150 maximum
Weight per gallon:	11 minimum

Dry Time: Without drop on glass beads, this paint dries to a lab ASTM D711 no pickup in less than 40 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 10 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 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 2 hours.
- 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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