

PRODUCT DATA / SPECIFICATION



PRODUCT: High Build Fast Dry Waterborne (TT-P-1952F Type III)

PRODUCT DESCRIPTION: A user friendly, high solids, fast drying waterborne traffic paint containing 100% cross-linking acrylic latex suitable for application by airless or air atomized equipment at film thicknesses up to 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

Available in white, lead-free yellow, black, red, blue, and green according to 595B Standards described in federal specification noted above.

ADVANTAGES:

- Waterborne product does not sustain combustion
- 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
- Can be used for symbols, legends and lane marking.

TECHNICAL DATA:

Property	Specification	985221 White	985222 Yellow	Other Colors
% Total solids / weight	75% min	75-78%	76-79%	various
% Total solids / volume	60% min	60-62%	62-64%	various
Weight % pigment solids	60% min	60-62%	61-63%	various
Viscosity @ 77F	80 - 90	80 - 90	80 - 90	80 - 90
Grind, Hegman	3 min	3.0 +	3.0 +	3.0 +
Hiding at 5 mils wet	0.92	>=0.92	>=0.92	>=0.92
Reflectance (Y)	85 min white 50 min yellow	85 min	50 min	Various
No pickup time, 15 mil wet, minutes, ASTM D711 lab	<= 10	<= 10	<= 10	<= 10
Field - No pickup time, 15 mil wet, 6 lbs./gal of glass beads, minutes, ASTM D713	various	<= 2	<= 2	various
Dry through time 15 mils wet, minutes, ASTM D1640 early wash off	<= 120	< 120	< 120	various
Scrub resistance, cycles, ASTM D4060	Vary by TT-P-1952 B/E/F	Pass	Pass	various
Abrasion resistance, weight loss ASTM D4060, max	Vary by TT-P-1952 B/F	Pass	Pass	various
Flexibility D522	No cracking / chip / flake	Pass	Pass	Pass
VOC g/l	150 max	<= 100	<= 100	<= 100

PACKAGING: 5-gallon pails, 55-gallon drums, 250 or 275 gallon totes. Other packaging available on request.

COVERAGE: 1 gallon yields 320 feet of 4" stripe @ 15 mils; 160 feet of 4" stripe @ 30 mils Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, method of application, surface irregularities, overthinning, climate conditions, or excessive film build.

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. Dry time is temperature, humidity, and film thickness dependent.

SHELF LIFE: Shelf life of the unopened product is one year from date of manufacture with proper storage and minimal agitation.

STORAGE: Proper storage includes inside or covered, above 35° F (3° C), and out of direct sunlight. Outside storage for short intervals is acceptable.

SURFACE PREPARATION: 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.

MIXING: Applying a test strip to determine dry to no- pickup time when the humidity is higher than 65%. Cone whenever necessary.

APPLICATION: 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 within 12 hours.
- Do not apply when temperatures are near or below the dew point.
- Do not thin more than 5% with water and then use immediately.
- Do not apply if temperature is expected to fall below freezing for 12 hours after application.

CLEAN UP: Immediately clean all equipment after use with fresh water. Dried paint may be removed with a methanol/water mixture or other suitable solvent.

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