Hydrophast® ES

Extended Season Fast Dry Waterborne Traffic Paint

PRODUCT CODES: 5700 (WHITE) | 5701 (YELLOW)

PRODUCT DATA SHEET

Product Description

Hydrophast® ES is a lead-free, fast drying, 100% acrylic waterborne traffic paint designed for efficient striping operations and durable performance. It delivers a smooth and consistent application and conforms to Federal Specification TT-P-1952E Type I & II, Federal Specification TT-P-1952F Type I & II, as well as many other state and federal specifications.

Product Advantages

- Low VOC- below 100 g/L
- Fast dry for easy traffic control
- Easy clean up with water
- For use on both concrete & asphalt
- Works well over various sealcoat applications
- Excellent bead retention (can be used without)
- Great for symbols, legends, & lane marking
- Methanol free
- Cold weather application, 35-50°F

Product Properties

Property	Value
Coverage/Gal (15 mils wet, 4" line)	320'
Dry Time (ASTM D-711, 77°F) Dry-Time (ASTM D-711, 35°F)	<10 minutes <15 minutes
No Track Time (15 mils wet, 77°F, 45-55% Relative Humidity, 6-8 lbs. glass beads/gallon)	<90 seconds
Dry Opacity (Contrast Ratio)	>0.93
Viscosity (Krebs Units)	85-90
Density (lbs./gal)	13.5-14.0
Directional Reflectance (Cap Y)	>88 (white) >50 (yellow)
VOC g/L	<100
% Total Solids by Weight	77.0 minimum
% Total Pigment by Weight	61.0-62.0
% Vehicle Solids by Weight	42.0 minimum

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Surface Conditions

Surfaces must be cured, clean, dry, and free from oil, grease, antifreeze, sand, and other debris and/or chemicals. Remove all loose or lifting paint prior to application. Existing coatings may interfere with adhesion.

New concrete & asphalt should be completely cured before applying (30 days for concrete, 14 days for asphalt is recommended). Test in inconspicuous area if surface condition is uncertain.

Application

Formulated for airless or conventional air-atomized spray equipment. For best results, apply when air and surface temperatures are between 35°F and 50°F, and relative humidity is below 65%.

Paint temperature should be 42°F minimum and may be heated to 110°F for flow. Heating waterborne paint *will not* accelerate dry time. Do not apply if rain is forecast or temperatures will drop below 32°F within 3 hours.

Storage & Shelf Life

⚠ KEEP FROM FREEZING!

Store in a cool, dry area indoors, out of direct sunlight, ideally at 60–70°F.
Minimum 12 months shelf life when stored unopened, at these conditions.

Cleaning

Wet paint may be cleaned with water. Dried paint is very difficult to remove.

Limitations

- Never mix waterborne paint with any other paint products
- Not recommended for use over silicone sealers
- Do not apply when rain is in forecast
- Do not apply when temperatures expected to fall below 32°F within 3 hours
- Low temperatures and high humidity can slow dry time
- Keep from freezing at all times

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