

Cool Weather Hydrophast®

Product Data

Version 1.0

Fast Dry Waterborne Traffic Paint

Product Type: **XSR® Cool Weather Fast Dry Waterborne**

Product Codes: **2028 2029**

Product Colors: **White Yellow**

Product Description:

Lead free, fast drying, 100% acrylic waterborne traffic paint. Conforms to the specifications referenced in Federal Specification TT-P-1952E Type I & II, Federal Specification TT-P-1952F Type I & II, & many other state & 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

Surface Conditions:

Surfaces should be cured, clean, dry, sound, and free from oil, grease, antifreeze, sand, and other debris and/or chemicals. Loose & lifting paint should be removed prior to application. Existing coatings or sealers may interfere with paint adhesion. New concrete & asphalt should be completely cured before applying (30 days for concrete, 14 days for asphalt is recommended). Check with Franklin Paint technical for more information. *If surface condition cannot be determined, a test stripe should be applied in an inconspicuous location.*

Application:

Formulated for use with 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 desired flow properties. Heating waterborne paint will not accelerate dry time.

Physical Properties:

Coverage/Gal (15 mils wet, 4" line)	320'
Dry Time (ASTM D-711, 77°F)	<10 mins
Dry Time (ASTM D-711, 35°F)	<15 mins
No Track Time (15 mils wet, 77°F, 45-55% Relative Humidity, 6-8 lbs. glass beads/gallon)	<90 seconds
Dry Opacity (Hiding, 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 (Non-Volatiles)	77.0 minimum
% Total Pigment by Weight	61.0-62.0
% Vehicle Solids by Weight	42.0 minimum

Cleaning:

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

Storage & Shelf Life:

Store in a cool dry area, indoors, and out of direct sunlight, ideally at 60-70°F. Minimum 12 months shelf life when stored unopened, at these conditions. **KEEP FROM FREEZING!**

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 are expected to fall below 32°F within 3 hours of application.
- Low temperatures & high humidity can slow dry.

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