

# Franklin Paint™

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## Product Data: HYDROPHAST™ PREMIUM WATERBORNE TRAFFIC PAINT

**DESCRIPTION:** Hydrophast™ Premium is a lead free, VOC compliant fast drying, 100% acrylic waterborne traffic paint. Conforms to the new Federal Specification TT-P- 1952E Type I & II as well as most state & federal specifications. For use on bituminous, Portland-cement and concrete pavements, as well as various sealcoat applications. Not recommended for use on concrete sealers containing silicone.

**SURFACE PREPARATION:** All surfaces should be clean and dry, free of dirt, sand, grease, oil, salt, etc. Loose and lifting paint should be removed prior to painting. While new asphalt surfaces vary in length of time required for curing, one to two weeks is usually adequate for waterborne paints. If it is necessary to paint immediately after paving, applying two thin coats 7-8 mils each allowing 24 hours between coats is recommended. Waterborne paints applied too thick or too soon may cause asphalt to lift and or crack. *Regardless of surface condition, a test stripe should be placed inconspicuously to determine if surface is suitable before continuing.*

**APPLICATION:** May be applied with conventional or airless sprayers. See equipment manufacturer's recommendations. Recommended paint thickness is 15 mils wet. For best results apply when air and surface temperatures are above 50° F and relative humidity is below 85%. To improve spraying, paint may be heated to an optimum temperature of 110° F never to exceed 160° F. Heating waterborne paint will not speed up dry time.

**THINNING & CLEANING:** Thinning is not recommended. If thinning is desired, use clean water, not to exceed 1 pint water/5 gallons paint. Adding water will lengthen dry time. Wet paint may be cleaned with water. Dry paint is very difficult to remove.

**SHELF LIFE:** 12 months minimum based on unopened container stored @ 77° F

**STORAGE:** Store in a cool dry area. **KEEP FROM FREEZING**

**Never mix waterborne and alkyd traffic paints! The results will be a congealed mess.**

|                                    | 2018 WHITE*   | 2019 YELLOW** |
|------------------------------------|---|---------------|
| Coverage/gal(15mils wet 4"line)    | 320'  | 320'          |
| Dry time minutes 15 mils wet (LAB) | 6.5   | 6.5           |
| Hiding(contrast ratio)             | .98   | .98           |
| Viscosity(K.U.)                    | 88-92   | 88-92         |
| Weight/gallon                      | 14.2  | 13.70         |
| Directional reflectance            | 90  | 54            |
| VOC's(pounds/gallon)               | .78   | .75           |
| %Total solids (weight)             | 78  | 77.5          |
| %Non-volatile vehicle              | 44  | 44            |
| % Pigment by wt.                   | 62  | 60.1          |
| %Vehicle by wt.                    | 38  | 39.9          |
| pH                                 | 10.2  | 10.2          |
| Flash Point (Closed Cup)           | >200 F  | > 200 F       |
| Titanium Rutile Type II            | 1.2 lbs/gal   | .2 lbs/gal    |
| Organic Yellow                     | n/a   | PY 65         |
| Color Fed-Std-595B No.             | 37886   | 33538         |
| Fineness of Grind                  | 4   | 4             |
| Scrub Resistance                   | 500 cycles  | 500 cycles    |
| Vehicle type                       | <b>Next generation Fastrack™ E-3427 100% Acrylic Resin (more durable)</b> |               |

\*2018 contains additional Resin and Titanium Dioxide

\*\*2019 contains additional Resin and Organic Yellow Pigment