



HIGHWAY PRODUCTS

08/07

HOTLINE® WATERBORNE TRAFFIC PAINT
TM2152 WHITE TM2153 LEAD FREE YELLOW
TM2221 BLACK TM2222 RED TM2226 GREEN
TM2224 BLUE

PRODUCT DESCRIPTION:

Fast drying waterborne traffic paints made with some of the most advanced resin technology on the market today. These products conform to the current VOC regulations and the requirements of **Federal Specifications TT-P-1952E types I and II, and TT-P-1952F types I and II.**

The outstanding characteristics of these products include: low VOC, superior early wash-out resistance, and more consistent drying times even in high humidity conditions. These products are formulated with non-lead containing pigments.

USES:

These products are used for long line striping applications on streets and highways, auxiliary markings such as stop bars and crosswalks, marking airfields and for striping parking lots.

APPLICATION:

HOTLINE® Waterborne Pavement Marking Paints are designed for application through long-line striping trucks or walk-behind striping machines which have been properly equipped to apply waterborne traffic paints. Of particular importance is the need for metal parts to be stainless steel and hoses to have proper chemical resistance to the unique high pH properties of the latex resins being used. Both air atomized and airless striping equipment can be used.

APPLICATION CONDITIONS:

Surfaces should be clean, dry and free from loose or peeling paint. HOTLINE® Waterborne Pavement Marking Paints perform best when applied at air and surfaces temperatures of 50°F and rising. Application of these products at temperatures between 40°F and 50°F may result in reduced service life. Do not apply below 40°F. Moisture in the road surface can cause premature failure. The presence of concrete sealers or other residue on new concrete surfaces may interfere with adhesion and must be removed.

Most previously painted lines may be repainted without additional surface preparation, provided the old paint is still tightly adhered to the surface. Multiple layers of paint may eventually build and begin to peel or chip. Removal of the existing paint line will be required in these areas.

APPLICATION CONDITIONS (cont.)

New asphalt surfaces, particularly parking lots, should be allowed to age at least thirty days before striping with Waterborne Pavement Marking Paint. Waterborne paint does not normally bleed on new asphalt, but shrinkage of the paint film during the curing (drying) process may cause new asphalt to lift or crack at the edges of the paint line. Exceeding the recommended film thickness will increase the possibility of asphalt lifting. Road surfaces are less susceptible to the occurrence of this lifting problem but should still be monitored.

APPLICATION RATES:

TM2152, TM2153, TM2221 and TM2222 should be applied at 14-16 mils wet film thickness. A flat, uniform paint line with an even distribution of paint should dry in 10 minutes or less. Application rates of more than 16 mils wet film thickness may extend the service life of the product but may also result in extended drying times. Glass beads, when used, should be applied at approximately 6 pounds per gallon of paint.

THINNING & CLEANUP:

Thinning of HOTLINE® Waterborne Pavement Marking Paints is not normally required. If thinning is necessary, thin only with clean water, not to exceed one pint per gallon. Any water added will slow the dry time.

Wet paint may be cleaned up with water. Once the paint is dry, solvent will be required to remove the paint film. Most typical paint solvents (e.g. xylene, acetone) may be used for this purpose. Care must be taken to avoid solvent contamination in waterborne paints.

PRECAUTIONS:

FOR INDUSTRIAL USE ONLY. SEE MATERIAL SAFETY DATA SHEETS. READ AND FOLLOW WARNING LABELS ON PACKAGES.

Painted surfaces can become slippery when wet. Traffic paints are not intended for use as floor paints. Do not use on pedestrian walkways or large surfaces such as ramps, floors and stairs which may become slippery when wet.

TYPICAL PROPERTIES

TEST	TM2152	TM2153	TM2221	TM2222
Viscosity	80-90KU	80-90KU	80-90KU	80-90KU
Pigment	60-62%	60-62%	60-62%	60-62%
Volume Solids	49% min.	49% min.	49% min.	49% min.
Dry Opacity @ 5 mils	0.92 min.	0.92 min.	1.0 min.	0.92 min.
Dry Time for no pick-up	10 mins max.	10 mins max.	10 mins max.	10 mins max.
Color (Red Std 595A)	37925	33538	37038	31136

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