



PRODUCT:	Aexcel Lane-Lite [®] Red Two-Component Polyester Traffic Marking Paint
CODE:	75R-D001
DESCRIPTION:	This product is our most durable, highest visibility highway safety coating. It is applied by mobile equipment capable of spraying two liquids simultaneously. The first liquid, the Lane-Lite coating, is sprayed at the desired line width and then the second liquid, a solution of peroxide catalyst, is sprayed so as to commingle with the coating spray a short distance above the road surface. Glass spheres for reflectance are blown down immediately thereafter into the still-wet combined paint and catalyst film.

This product has been approved by the Ohio, New York and West Virginia Departments of Transportation.

⚠ WARNING

To avoid slips and falls, do not use Aexcel traffic marking paint on large pedestrian surfaces **or inclined surfaces** including, but not limited to, ramps, walkways, stairs, **crosswalks, and loading zones. As another example, do not paint an entire traffic stall.** When the paint is applied to areas where there may be pedestrian traffic, always apply in conjunction with sufficient anti-slip additives to ensure traction. Failure to add anti-slip additives could contribute to falls that could result in serious injury or death.

See ANSI/NFSI B101.1 & ANSI/NFSI B101.3 for guidance on increasing slip resistance

VISCOSITY:	80-95 K.U. @ 77°F
VOLUME SOLIDS:	99.2% ± 1%
WEIGHT/GALLON:	10.82 +/- 0.2 lbs.
COLOR:	+/- 6ΔE from Fed. Std. 595-31136
SPREADING RATE:	16.6 gallons theoretically cover a continuous 4" wide, 1 mile stripe at 15 mils (0.015") dry film thickness. Current striping practice calls for a film thickness of 15 mils. (Wet or dry films are the same thickness for all practical purposes.) In less heavily traveled areas and on edge lines, we suggest that 8-12 mil thick films may be applied.

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FLASH POINT:	80°F (Setaflash)
PENCIL HARDNESS:	4-6H
GLOSS:	Flat
REFLECTANCE:	50 minimum @ 10 mil dry film thickness
POLLUTION STATUS:	COMPLIES. EXCEEDS PRESENT AND EXPECTED FUTURE FEDERAL AND STATE EPA REGULATIONS.
STORAGE:	This product should be stored indoors at temperatures below 90°F. If indoor storage is not available, the paint should be covered with a light colored, opaque tarpaulin.
WORKABLE POT LIFE:	30 seconds maximum
SUBSTRATE:	<p>Older asphalt and concrete surfaces have been successfully striped with Lane-Line. Application of Lane-Lite over asphalt sealed with emulsion, or rubber-based and sulfur-based asphalt is not recommended.</p> <p>If newly installed asphalt is to be striped, at least a 60-day aging period preceding application should be observed. If immediate striping on new asphalt surfaces is required, as for reason of safety, a fast-drying alkyd traffic safety paint may be used and later re-coated with Lane-Lite after 3-6 months, or while the alkyd paint film remains intact. In that case, the alkyd film acts as a primer. Similar procedures for certain new concrete installations may be required.</p>
SURFACE TREATMENT:	Air blow or brush. Surface must be dirt and gravel free. Do not apply to damp or moist or oily road surfaces. Do not apply when the ambient temperature is less than 50°
ADHESION:	Excellent. Has been tested on aged asphalt and aged concrete.
EQUIPMENT:	Two-component air spray only. Please contact a reputable paint application equipment manufacturer which specializes in 2 component spray equipment.
CATALYZATION:	Mix 40-50 parts 75W-D012 by volume with 1 part of MEKP catalyst. Slight over or under catalyzation will not affect final properties, but will retard drying time.
SPRAY VISCOSITY:	Spray full bodied. Do not reduce or thin this product.
APPLICATION TEMPERATURE:	50-90°F
FILM THICKNESS:	12-15 mils dry film
CURE:	Track free (with beads) 8-12 minutes. Track-free (no beads) 12-18 minutes. Hard 15-30 minutes. Must be catalyzed.
WASH THINNER:	Flush with 1,1,1 Trichloroethane (TCE), MEK or Toluene. Do not allow liquid TCE to remain in contact with aluminum equipment.

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- TRAFFIC BEADS:** Glass spheres or reflectorized beads (TTB-1325A or equivalent) may be dropped on or pressure applied immediately to the wet striping at a uniform rate of 18 pounds per gallon.
- FLEXIBILITY:** Passes 1/2"
- TABOR ABRASION:** CS-17 1000 g./1000 cycles--125 mg. loss (baked): 160 mg. loss (after 24 hr. curing at 70°F and 50% RH)
- SAFE HANDLING:** Lane-Lite: Avoid contamination or moisture. Avoid direct inhalation or skin contact. Follow all normal safety procedures.
- Catalyst: Peroxide catalysts are organic peroxygen compounds and are strong oxidizing agents. Improperly handled they can cause fires or explosions. **HANDLE AND STORE CATALYSTS ACCORDING TO MANUFACTURERS' DIRECTIONS.** We do not sell peroxide catalysts but we do recommend purchasing your catalyst needs in small individual containers and storing only minimum quantities.
- REVISION DATE:** 5/4/22

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AMERICA'S TOUGHEST TRAFFIC PAINTS™

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