

**CALIFORNIA DEPARTMENT OF TRANSPORTATION**  
**Authorized Materials List for**  
**TWO-COMPONENT TRAFFIC STRIPING PAINTS and**  
**LARGE GRADATION RETROREFLECTIVE GLASS BEADS**

The following commercial two-component traffic striping paint products and large gradation retroreflective glass beads have been tested and approved by the Transportation Laboratory and should be used when called for in the Special Provisions. The Special Provisions will designate which of the 3 following classifications of two-component materials are to be used. Large gradation “drop-on” retroreflective glass beads (~700 to ~1500 microns diameter) are typically used in conjunction with these two-component traffic paints to provide retroreflectivity. A second “drop” of smaller gradation glass beads is also applied after the large beads.

Suggested uses for these products include; striping snowplowed roadways where other traffic striping materials have inadequate durability, and striping PCC pavements. Using large gradation ‘drop-on’ glass beads adds a degree of wet-night visibility as compared to using smaller glass beads alone.

Any modification of the authorized products below should be conveyed to the Transportation Laboratory (Chemical Testing Branch). Modification of the authorized products may result in those products being removed from the list pending retesting.

Individual batches/lots of each component will require testing by the Materials Engineering and Testing Services (Chemical Testing Branch) to assure compliance with specification requirements, unless otherwise approved by the Engineer. A products presence on this list does not relieve it from the requirements of Section 6 "Control of Materials" in the Standard Specifications.

Vendor’s contact numbers are listed below.

**Approved Two-Component Traffic Striping Paints:**

The two-component traffic striping paint products below are grouped into 4 classifications based on their resin type and typical no-track times at 25C.

**SLOW CURING EPOXY TRAFFIC PAINT (no-track times ~45 to ~75 minutes)**

Stonhard, Epoplex LS-60 (White, L/F Yellow and Black), Ph. (800) 822-6920.

Ennis Paint, Inc., HPS-2 (White, L/F Yellow and Black), Ph. (800) 331-8118.

Olin Epoxy-POLY-CARB (Blue Cube Operations LLC), Mark 55.6 (White and L/F Yellow), Ph. (330) 963-4426.

**FAST CURING EPOXY TRAFFIC PAINT, (no-track times ~15 to ~20 minutes)**

Stonhard, Epoplex LS-50 (White, L/F Yellow and Black), Ph. (800) 822-6920.

Ennis Paint, Inc., HPS-3 (White, L/F Yellow and Black), Ph. (800) 331-8118.

Ennis Paint, Inc., HPS-4 (White, L/F Yellow and Black), Ph. (800) 331-8118.

Sherwin Williams, Hotline; TM8212, TM8215 & TM8210 (White, L/F Yellow and Black), Ph. (800) 368-2026.

Olin Epoxy-POLY-CARB (Blue Cube Operations LLC), Mark 55.3 (White and L/F Yellow), Ph. (330) 963-4426.

Swarco-Colorado Paint Co., MFUA-10 (White, L/F Yellow and Black), Ph. (303) 388-9265.

**VERY FAST CURING POLYUREA TRAFFIC PAINT (no-track times < 10 minutes)**

Ennis Paint, Inc., HPS-5 (White, L/F Yellow and Black), Ph. (800) 331-8118.

Stonhard, Epoplex LS-90 (White, L/F Yellow and Black), Ph. (800) 822-6920.

3M, Series; 1000, 1200 and 5000 Liquid Pavement Marking Systems (White and L/F Yellow), Ph. (800) 553-1380.

**Approved Large Gradation Retroreflective Glass Beads:**

Potters, Inc. “Visibead - Plus” beads, Ph. (888) 821-2968.

Swarco “Megalux” beads, Ph. (877) 634-2589.

3M, Bonded Core Reflective Elements (Series; 50P/51P, 70P/71P, 90P/91P and Series Dry P), Ph. (800) 553-1380.

For questions contact: Mitch Gipson at: (916) 227-7919, or [Mitch\\_Gipson@dot.ca.gov](mailto:Mitch_Gipson@dot.ca.gov)

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