



AUTHORIZED MATERIALS LIST FOR TWO-COMPONENT TRAFFIC STRIPING PAINTS AND LARGE GRADATION RETROREFLECTIVE GLASS BEADS

Two-component painted traffic stripes and pavement markings are suggested for striping snow plowed roadways where other traffic striping materials have inadequate durability. They are also used for striping PCC surfaces. Using large gradation glass beads adds some wet night visibility as well as shortening the no track time. The two-component traffic stripe manufacturer recommends the type of large gradation glass beads to use.

There are four classifications of two-component materials based on their no track times and resin types.

Specification requirements are located in Section 84-2.02F of the 2018 Standard Specifications and the 2018 Standard Special Provisions.

Evaluation Criteria: Authorization Procedures and Acceptance Criteria for Two-Component Traffic Striping Paint.

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

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

Manufacturer	Product	Reauthorization Date
Stonhard	Epoplex LS-60 (White, L/F Yellow and Black)	8/2026
Ennis-Flint	HPS-2 (White, L/F Yellow and Black)	8/2026
Swarco-Colorado Paint Co.	2180 Series Slow Cure Epoxy Traffic Paint 2180, 2186, & 2187 (White, L/F Yellow and Black)	8/2026

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

Manufacturer	Product	Reauthorization Date
Stonhard	Epoplex LS-50 (White, L/F Yellow and Black)	9/2026
Ennis-Flint	HPS-3 (White, L/F Yellow and Black)	9/2026
Ennis-Flint	HPS-4 (White, L/F Yellow and Black)	9/2026
Sherwin Williams	Hotline; TM8212, TM8215 & TM8210 (White, L/F Yellow and Black)	9/2026
Poly-Carb	Mark 55.3 (White and L/F Yellow)	9/2026



Manufacturer	Product	Reauthorization Date
Swarco-Colorado Paint Co.	MFUA-10 (White, L/F Yellow and Black)	9/2026

FAST CURING POLYURETHANE TRAFFIC PAINT (no track times < 12 minutes)
 NOTE: Select a product from the "Fast Curing Epoxy Traffic Paint" classification above.

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

Manufacturer	Product	Reauthorization Date
Stonhard	Epoplex LS-90 (White, L/F Yellow and Black)	10/2026
3M	Series 5000 Liquid Pavement Marking Systems (White and L/F Yellow),	10/2026
Swarco-Colorado Paint Co.	MFUA-12 (White, L/F Yellow and Black)	6/2023

Large Gradation Retroreflective Glass Beads

Manufacturer	Product	Reauthorization Date
Potters	Visibead - Plus	8/2026
Swarco	Megalux	8/2026
3M	Bonded Core Reflective Elements; Series; 50P/51P, 70P/71P, 90P/91P and Series Dry P	8/2026

Products on this Authorized Material List (AML) are products that have been evaluated and found acceptable for use, provided the products are used in accordance with the manufacturer's instructions. Caltrans may perform additional job control testing during construction or installation.

If you have questions about this AML, please contact the Caltrans Chemistry branch by e-mail sent to <chemistry.branch@dot.ca.gov>.