



AUTHORIZED MATERIAL LIST FOR METHYL METHACRYLATE TRAFFIC STRIPING AND PAVEMENT MARKING

Methyl Methacrylate (MMA) traffic paints are two-component liquid pavement marking/traffic striping materials that consist of a MMA resin (pigmented) and a catalyst. The two components are mixed as they are applied and generally cure in less than 15 minutes (at 77°F). Post applied glass beads shall have a coating recommended by the MMA paint manufacturer to improve bead retention in the stripe. The odor of the MMA may be objectionable until it cures. The odor might be a nuisance in highly populated areas. Category 2 material (4:1 mix ratio) is used in recesses in regularly snow plowed highways and will be the most durable in all other applications.

Evaluation Criteria: Authorization Procedures and Acceptance Criteria for Methyl Methacrylate Traffic Striping and Pavement Markings.

CATEGORY 1: Application thickness: 25 to 60-mils, Mix ratio 98:2

Manufacturer	Product	Reauthorization date
Ennis Flint	HPS-6 Spray, Product # 999775, up to 60 mil application	08/2022
Ennis Flint	HPS-6 Spray, Product #999675, up to 30 mil application	08/2022
Aexcel Corp.	Roadzilla Thin Film Spray MMA	08/2022
Aexcel Corp.	Roadzilla Thick Film Spray MMA	08/2022
Swarco- Colorado Paint	Swarcoplast Thin Film MMA	08/2022
Transpo Ind./Castek, Inc.	T-28 Color-Safe MMA	08/2022

CATEGORY 2: Application thickness: 10 to 250-mils (250 mils recessed), Mix ratio 4:1

Manufacturer	Product	Expiration date
Ennis-Flint	HPS-6, Type 3	08/2022
Aexcel Corp.	Roadzilla Extrude MMA	08/2022
Alta Traffic Solutions	ASM 600, All Season MMA	08/2022
Swarco-Colorado Paint	Swarcoplast Profiled MMA	08/2022



Retroreflective Glass Beads

Manufacturer	Product	Expiration date
Swarco Industries, Inc.	Megalux 30/50	08/2022
Swarco Industries, Inc.	Series 3132	08/2022
Potters Industries, Inc	Visimax	08/2022
3M	Bonded Core Reflective Elements (Series Dry, Series 50/51 and Series 90/91)	08/2022
Swarco, Industries, Inc	Plus9spots	08/2022

Products on this 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 Chemical Testing Branch by e-mail sent to <chemistry.branch@dot.ca.gov>.