

STIMSONITE MODEL C80

Raised Pavement Markers

PRODUCT DATA

Product Type: C80FH

Design: 4.55" x 3.20" x 0.66" (11.6 cm x 8.1 cm x 1.8 cm)

Weight: 2.50 oz. (71 grams)

Material: ABS plastic body with coated acrylic lens

Specification: Meets ASTM D 4280 and Caltrans 81-3.02C

Effective Date: 2016



Product Description:

Raised pavement markers are a safety device used on roads to improve delineation and increase preview time, particularly under wet conditions, and have been shown to decrease crash rates on highways with raised pavement marker center lines by approximately 0.5 crashed per million vehicle miles.

Raised pavement markers play an important safety function on roads, communicating both the travel path for short and long range vehicle operation.

Raised pavement markers may be applied using epoxy, bitumen, or preformed thermoplastic. The marker is normally applied to the road surface, but may be recessed into a saw cut as well.

Product Advantages:

- Abrasion resistant coating provides enhanced retained reflectivity
- Advanced optics deliver high reflectivity and durability
- Specially engineered bottom ensures aggressive grip to the roadway
- Recommended for high ADT and high intensity conditions

Packaging:

Available in 100 piece boxes per color combination. One pallet (36" x 40" x 50") = 48 boxes or 4,800 markers. One truckload = 26 pallets.

Other:

The following lens colors are available: white, yellow, red, blue, green, and fluorescent orange. Markers are available as a one-way marker with one lens and one plug, a two-way marker with two lenses of the same color, or a two-way marker with two different colored lenses.

Physical Characteristics:

Slope Of Lens: 35 degrees to base

Lens Face: 2.60 sq.in. (16.8 sq.cm.)

Longitudinal Flexural Strength Requirement: > 2,000 lbs. (907 kg)
(ASTM D 4280)

Compressive Strength ASTM D4280:: > 6,000 lbs. (2,722 kg)

Compressive Strength CA 669: > 2000 lbs.

Specific Intensity (cd/fc):
(ASTM D 4280 and Caltrans 669)

	<u>0 Degrees</u>	<u>20 Degrees</u>
White	3.0	1.2
Yellow	1.8	0.72
Red	0.75	0.30
Green	1.0	0.4
Blue	0.28	0.11

Specific Intensity After Abrasion Resistance Testing (cd/fc):
(ASTM D 4280)

	<u>0 Degrees</u>	<u>20 Degrees</u>
White	1.5	0.60
Yellow	0.90	0.36
Red	0.38	0.15
Green	0.50	0.20
Blue	0.14	0.06

The product data offered herein is, to the best of our knowledge, true and accurate, but all recommendations are made without warranty, expressed or implied. Because the conditions of use are beyond our control, neither Ennis-Flint nor its agents shall be liable for any injury, loss or damage, direct or consequential, arising from the use or the inability to use the product described herein. As Ennis-Flint has neither control over the installation of product described herein nor control of the environmental factors the installed markings are subjected to, there is no guarantee as to the durability or the retroreflective properties of any marking system applied. No person is authorized to make any statement or recommendation not contained in the Product Data, and any such statement or recommendation, if made, shall not bind the Corporation. Further, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents, and no license under the claims of any patent is either implied or granted.



ENNIS-FLINT
A Traffic Safety Solutions Company

800.331.8118

sales@ennisflint.com

www.ennisflint.com

© Ennis-Flint All Rights Reserved