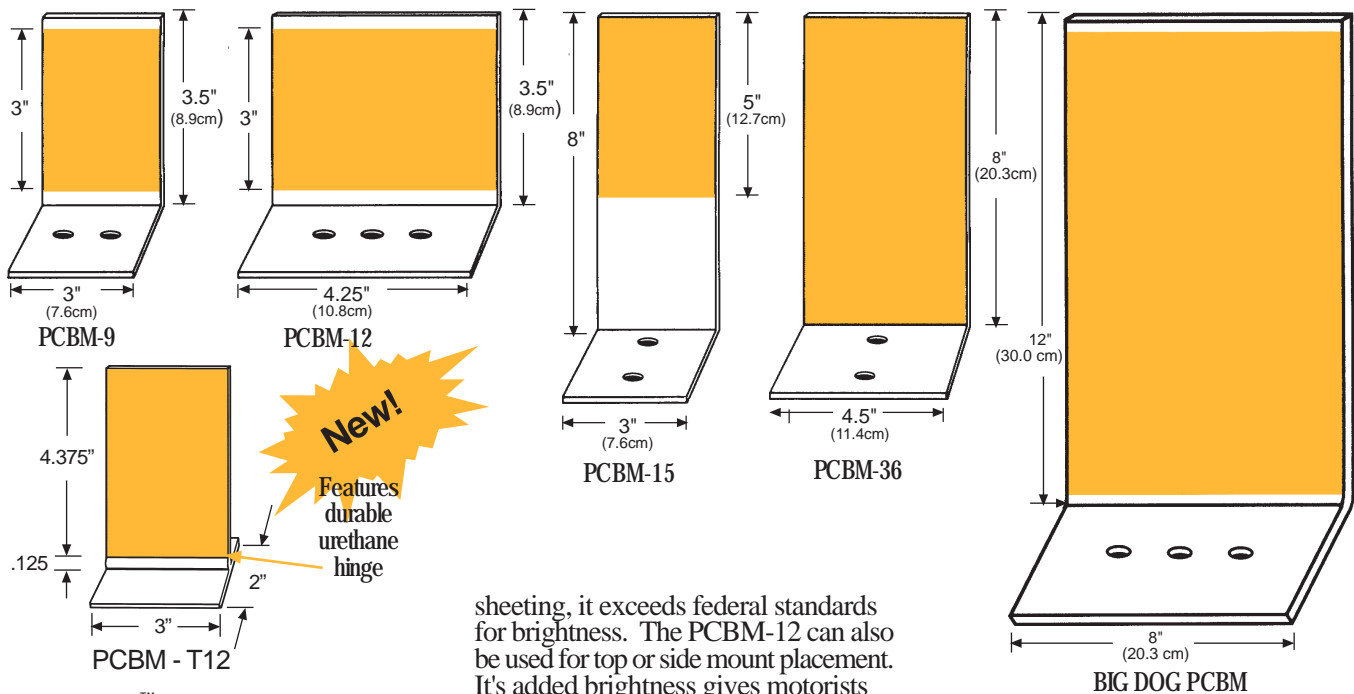


Davidson Traffic Control Products

Available Options and Instructions for PCBMTM Barrier Markers



PCBM-T12TM Our newest barrier-mount reflector features a built-in urethane hinge, providing for tremendous flexibility and impact resistance. This allows the reflector to fold down and spring back to an upright position. Specify the T12 for your most demanding installation.

PCBM-9TM Our most economical model for standard use the PCBM-9 meets the minimum requirements for reflectivity per the MUTCD with 9 square inches of reflective sheeting.

PCBM-12TM The PCBM-12 is our most popular model for work zone traffic control or permanent delineation. With over 12 square inches of reflective

sheeting, it exceeds federal standards for brightness. The PCBM-12 can also be used for top or side mount placement. It's added brightness gives motorists extra response time when driving through dangerous work zones at night.

PCBM-15TM The PCBM-15 is designed for top mount installation in areas that receive heavy snow fall. It's 8 inch height positions the PCBM's reflective sheeting above any snow that might accumulate on top of the barrier wall.

PCBM-36TM This extra wide top mount marker is designed for extra brightness in high glare situations. Extra brightness is sometimes critical to combat the headlights of oncoming traffic. The PCBM-36 utilizes 36 square inches of reflective sheeting to provide more brightness than any other permanent barrier mount reflector.

BIG DOG PCBMTM This extra large top mount reflector is designed for extra brightness in work zones. Extra brightness is sometimes critical to guide traffic in high speed work zones. The BIG DOG PCBM utilizes 96 square inches of fluorescent Orange LDP sheeting to provide more brightness than any other barrier mount reflector.

PCBM-T16TM (not shown) In order to achieve delineation that is 48" above the roadway as specified in the MUTCD, the PCBM-T16 can be easily mounted on top of a standard 32 inch barrier wall. The 3"x12" reflector provides the same amount of reflective surface area as that of our Flexi-Guide[®] delineator posts.



Davidson Traffic Control Products

Instructions and Specifications for PCBMTM Barrier Markers

High Impact Barrier Mount Delineators

Installation Procedures

(A) Permanent Installation Using DAPCO Barrier Adhesive

- 1) Adhesive will adhere well to most clean, dry and well unified surfaces. Application temperature is 50° to 100° F (10 to 37° C).
- 2) Clean the spot on which marker will be placed. All surfaces must be free of dust, dirt, oil and moisture.
- 3) Apply Adhesive 795A 1/8" thick in an "XXX" pattern to the base of the marker.
- 4) Place PCBM on the barrier and apply **firm** hand pressure for five (5) seconds.
- 5) Ultimate bond strength is achieved after 72 hours at 70° F. (20°C).
- 6) Markers are now ready for traffic.

(B) Temporary Mounting Using Butyl Adhesive Pad

- 1) Spray areas where marker will be mounted with Primer #80. Allow primer to sit for one minute.
- 2) Remove release paper from butyl adhesive pad.
- 3) Press PCBM to primed spot on the barrier and apply **firm** hand pressure for five (5) seconds.
- 4) Markers are now ready for traffic.

Adhesive #795 Instructions

Ideal application temperature is 50 to 100° degrees F. (10 to 37° degrees C.) Adhesive should squeeze up through the holes in base for better mechanical bonding. Insufficient pressure will not allow for proper bonding and may result in adhesive failure. Contamination of application surfaces will inhibit bonding and can result in adhesive failure.

Marker Body

The marker body shall be made from a high-impact weatherable engineering thermoplastic .090" thick (min) that conforms to the following:

Property	Results		ASTM Test Method
	PCBM-9 & BIG DOG	12, 36, 15, T16	
Tensile Strength @ Yield (min. psi.)	6,400	5,000	D638
Impact Strength @ 73° F (ft#/in notch)	3.5	16.0	D256A
Impact Strength @ - 20° F (ft#/in notch)	N/R	2.0	D256A
Flexural Strength 1/4" @ 73° F (psi)	12,000	8,000	D790
Flexural Modulus 1/4" @ 73° F (psi)	400,000	300,000	D790

Reflective Colors

Type Y-2 -- Yellow 2 Way
Type Y-1 -- Yellow 1 Way
Type W-2 --White 2-Way
Type W1 --White 1-Way

Additional colors are available by special order, including Fluorescent Orange.

Retro-reflective Performance

The barrier markers shall be permanently affixed with Reflexite[®] AR 1000 abrasion resistant delineation materials, or approved equal. The white material shall have a minimum reflectance of 1200 Candlepower per square foot (candelas/lux/m²) at 0.1 observation and -4° entrance angles. (Yellow material shall be 75% of the white.) (Photometric performance for various models is available upon request.)

Important Notice To Purchaser

The following is made in lieu of all warranties, expressed or implied, including the implied warranties of merchantability and fitness for purpose: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. Neither manufacturer nor seller shall be liable either in tort or in contract for any loss or damage, direct, incidental, or consequential, arising out of the use of or the inability to use the product.



"new name, same great company"

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