

# Post Caps

## PCM/EPCM SERIES

### PRODUCT FEATURES:

PCM and EPCM are post caps and end post caps used for post-to-beam connection applications.

### MATERIAL:

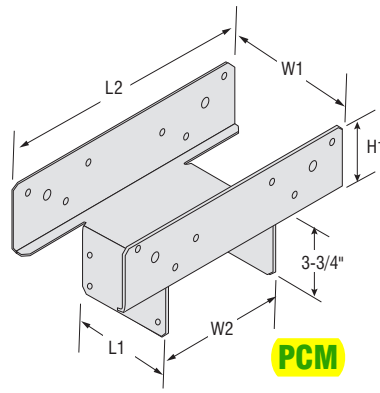
PCM/EPCM - 16 Gauge and 12 Gauge

COATING: Galvanized (Zinc), G185

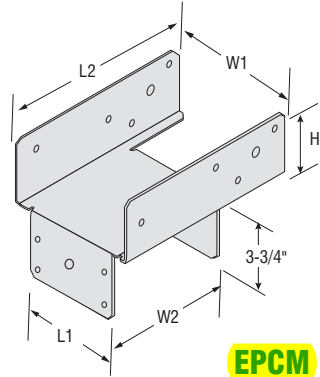
### INSTALLATION:

- Use all specified fasteners in schedule to achieve values indicated
- EOR's approval is required to substitute 16 ga post caps and end post caps for 12 ga post caps and end post caps

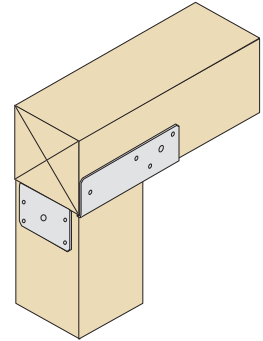
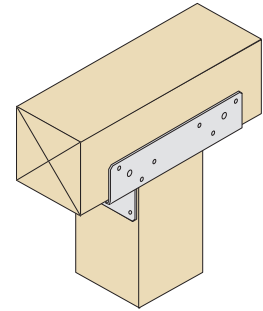
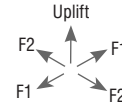
CODE COMPLIANCE: Call Quick Tie for code approval information.



PCM



EPCM



| Part Detail         | Part No.  | Size  |       | Dimensions (in.) |        |         |         |          | Fasteners |      |      |      | Allowable Loads (lb)          |       |       |
|---------------------|-----------|-------|-------|------------------|--------|---------|---------|----------|-----------|------|------|------|-------------------------------|-------|-------|
|                     |           | Beam  | Post  | W1               | W2     | H1      | L1      | L2       | Post      |      | Beam |      | Load Duration ( $C_D = 1.6$ ) |       |       |
|                     |           |       |       |                  |        |         |         |          | Qty       | Size | Qty  | Size | Uplift                        | $F_1$ | $F_2$ |
| 16 ga Post Caps     | PCM44-16  | 4x    | 4x    | 3-9/16           | 3-9/16 | 3-9/16  | 2-7/16  | 11       | 8         | 16d  | 12   | 16d  | 1155                          | 1365  | 1555  |
|                     | PCM46-16  |       | 6x    |                  | 5-9/16 |         |         | 13       |           |      |      |      |                               |       |       |
|                     | PCM48-16  |       | 8x    |                  | 7-9/16 |         |         | 15       |           |      |      |      |                               |       |       |
|                     | PCM64-16  | 6x    | 4x    | 5-1/2            | 3-9/16 | 3-1/2   | 3-13/16 | 11       |           |      |      |      | 1155                          | 1850  | 1850  |
|                     | PCM66-16  |       | 6x    |                  | 5-9/16 |         |         | 13       |           |      |      |      |                               |       |       |
|                     | PCM68-16  |       | 8x    |                  | 7-9/16 |         |         | 15       |           |      |      |      |                               |       |       |
|                     | PCM84-16  | 8x    | 4x    | 7-1/2            | 3-9/16 | 3-1/2   | 5-5/8   | 11       |           |      |      |      | 1155                          | 1850  | 1850  |
|                     | PCM86-16  |       | 6x    |                  | 5-9/16 |         |         | 13       |           |      |      |      |                               |       |       |
|                     | PCM88-16  |       | 8x    |                  | 7-9/16 |         |         | 15       |           |      |      |      |                               |       |       |
| 12 ga Post Caps     | PCM44     | 4x    | 4x    | 3-9/16           | 3-9/16 | 3-9/16  | 2-7/16  | 11       | 8         | 16d  | 12   | 16d  | 1995                          | 1620  | 1940  |
|                     | PCM46     |       | 6x    |                  | 5-9/16 |         |         | 13       |           |      |      |      |                               |       |       |
|                     | PCM48     |       | 8x    |                  | 7-9/16 |         |         | 15       |           |      |      |      |                               |       |       |
|                     | PCM64     | 6x    | 4x    | 5-1/2            | 3-9/16 | 3-1/2   | 3-13/16 | 11       |           |      |      |      | 1885                          | 2220  | 2000  |
|                     | PCM66     |       | 6x    |                  | 5-9/16 |         |         | 13       |           |      |      |      |                               |       |       |
|                     | PCM68     |       | 8x    |                  | 7-9/16 |         |         | 15       |           |      |      |      |                               |       |       |
|                     | PCM77     | 7-1/8 | 7-1/8 | 7-1/8            | 7-1/8  | 3-11/16 | 5-5/8   | 14-9/16  |           |      |      |      | 1885                          | 1885  | 2000  |
|                     | PCM84     | 8x    | 4x    | 7-1/2            | 3-9/16 | 3-1/2   | 5-5/8   | 11       |           |      |      |      |                               |       |       |
|                     | PCM86     |       | 6x    |                  | 5-9/16 |         |         | 13       |           |      |      |      |                               |       |       |
|                     | PCM88     |       | 8x    |                  | 7-9/16 |         |         | 15       |           |      |      |      |                               |       |       |
| 16 ga End Post Caps | EPCM44-16 | 4x    | 4x    | 3-9/16           | 3-9/16 | 3-9/16  | 2-7/16  | 7-1/4    | 8         | 16d  | 8    | 16d  | 1155                          | 1365  | 1555  |
|                     | EPCM46-16 |       | 6x    |                  | 5-9/16 |         |         | 9-1/4    |           |      |      |      |                               |       |       |
|                     | EPCM48-16 |       | 8x    |                  | 7-9/16 |         |         | 11-1/4   |           |      |      |      |                               |       |       |
|                     | EPCM64-16 | 6x    | 4x    | 5-1/2            | 3-9/16 | 3-1/2   | 3-13/16 | 7-1/4    |           |      |      |      | 1155                          | 1850  | 1850  |
|                     | EPCM66-16 |       | 6x    |                  | 5-9/16 |         |         | 9-1/4    |           |      |      |      |                               |       |       |
|                     | EPCM68-16 |       | 8x    |                  | 7-9/16 |         |         | 11-1/4   |           |      |      |      |                               |       |       |
|                     | EPCM84-16 | 8x    | 4x    | 7-1/2            | 3-9/16 | 3-1/2   | 5-5/8   | 7-1/4    |           |      |      |      | 1155                          | 1850  | 1850  |
|                     | EPCM86-16 |       | 6x    |                  | 5-9/16 |         |         | 9-1/4    |           |      |      |      |                               |       |       |
|                     | EPCM88-16 |       | 8x    |                  | 7-9/16 |         |         | 11-1/4   |           |      |      |      |                               |       |       |
| 12 ga End Post Caps | EPCM44    | 4x    | 4x    | 3-9/16           | 3-9/16 | 3-9/16  | 2-7/16  | 7-1/4    | 8         | 16d  | 8    | 16d  | 1995                          | 1620  | 1940  |
|                     | EPCM46    |       | 6x    |                  | 5-9/16 |         |         | 9-1/4    |           |      |      |      |                               |       |       |
|                     | EPCM48    |       | 8x    |                  | 7-9/16 |         |         | 11-1/4   |           |      |      |      |                               |       |       |
|                     | EPCM64    | 6x    | 4x    | 5-1/2            | 3-9/16 | 3-1/2   | 3-13/16 | 7-1/4    |           |      |      |      | 1885                          | 2000  | 2000  |
|                     | EPCM66    |       | 6x    |                  | 5-9/16 |         |         | 9-1/4    |           |      |      |      |                               |       |       |
|                     | EPCM68    |       | 8x    |                  | 7-9/16 |         |         | 11-1/4   |           |      |      |      |                               |       |       |
|                     | EPCM77    | 7-1/8 | 7-1/8 | 7-1/8            | 7-1/8  | 3-11/16 | 5-5/8   | 10-13/16 |           |      |      |      | 1885                          | 2000  | 2000  |
|                     | EPCM84    | 8x    | 4x    | 7-1/2            | 3-9/16 | 3-1/2   | 5-5/8   | 7-1/4    |           |      |      |      |                               |       |       |
|                     | EPCM86    |       | 6x    |                  | 5-9/16 |         |         | 9-1/4    |           |      |      |      |                               |       |       |
|                     | EPCM88    |       | 8x    |                  | 7-9/16 |         |         | 11-1/4   |           |      |      |      |                               |       |       |

### NOTES:

1. Nails designated as 16d shall be 16d common nails (0.162 x 3.5",  $F_{yp} = 90,000$  psi)
2. Allowable loads are provided for load duration factor ( $C_D$ ) of 1.6. No further increase is permitted.