

KEENE Products

from Metalex®

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These two joints are two of the Keene family of metal trim design, expressly for use for EIFS systems, as well as plaster and stucco construction.

KEENE SV (Shallow V) provides a strong reveal joint for thin-coat plaster. It withstands continual freezing and thawing, is unaffected by sunlight, resists corrosion and does not react to the petroleum derivatives found in building surface materials. Yet, it provides a clean reveal, a narrow flange, short ground, superior keying and is easily attached. SV is an aesthetic companion to DV where wall movement is minimal.

Weight Per 1000 Lineal Feet

Ground - 1/4" (6.3mm)
Zinc - 217 lbs. (98 kg.)

KEENE DV (Deep V) is superior to plastic or caulk joints because it will not fail due to freeze/thaw changes or exposure to UV, and it provides outstanding keying with a 1/4" sightline. It is often used for soffit areas where extreme wall expansion and contraction will occur and when the sheathing and lath must be broken behind the joint area.

Weight Per 1000 Lineal Feet

Ground - 1/4" (6.3mm)
Galv. - 323 lbs. (149 kg.)
Zinc - 302 lbs. (139 kg.)

Ground - 3/8" (9.5mm)
Galv. - 353 lbs. (164 kg.)
Zinc - 329 lbs. (151 kg.)

Expansion/Control Joints

Expansion and control joints should be specified for these applications:

1. In general, any large wall surface, interior or exterior.
2. To resist fracturing due to inherent shrinkage when Portland cement plaster is used.
3. Where dissimilar back-up materials join, such as wood to masonry.
4. Where a large suspended ceiling is pierced by supporting beams or columns. Complete perimeter control is recommended where basic construction goes through one floor to the slab above.
5. Above door bucks and into the ceiling juncture on both sides of heavy frames or doors and in hard-use areas.
6. Around large penetrations such as light troffers and access panels.

PRODUCT SPECIFICATIONS: Expansion/Control Joints

Materials:

1. Zinc: ASTM B69-87 (.0179 thickness)
2. Galvanized: ASTM A525-81, A527-80, A446 (.0179 thickness G90 galv.)
3. CJ Series ASTM C1063-86 (.015 thickness)

Structural:

Materials will perform in accordance with ML/SF manual specs.

Installation:

1. KEENE expansion and control joints must be square cut or cut at an angle to butt cleanly.
2. Cutting tolerance is $\pm 1/8$ ".
3. Joint must be straight and free of "kinks".
4. Miters and straight cuts must be made by a saw or shear; do not use tin snips.
5. Intersections of joints may be spliced-and-screwed or butted-and-caulked.
6. Where vertical and horizontal expansion/control joints are used, the vertical joint should remain unbroken.
7. Other references: ASTM C926-90; EIMA Class PB Type A EIFS; EIMA Class PM Type A & B EIFS; ML/SFA - Call your Metalex/KEENE representative for ML/SFA installation guidelines.