

Mercury Thermal Break Hollow Metal Frame



Cuts Cold Transmission, Combats Frost, and Condensation

The Ceco Door Mercury thermal break frame is an energy efficient frame that incorporates a bonded thermal break with a Pemko 544 compression type weather-stripping.

The Mercury thermal break (MTB) frame has been independently tested for thermal performance with the Trio-E door U-Factor of (0.36), in accordance with NFRC 102-2014 and ASTM test methods and resistance to air infiltration with the Mercury Door (0.1 cfm sq ft), in accordance with NFRC 400 and ASTM test methods.

In addition to thermal performance, frost and condensation on the interior door frame face are significantly reduced with a thermal break frame. This is accomplished with a true thermally broken frame profile and delivers maximum protection against cold penetration through conduction. Mullions used in hollow metal transom/sidelite and borrowed-lite frames feature the same thermal break design.

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Testing

The Mercury thermal brake frame from Ceco Door has been independently tested by ASTM test methods for thermal performance in accordance with NFRC 102-2014 and for resistance to air infiltration in accordance with NFRC 400.

Frame Options

- Double and single rabbet open back profiles
- Double and single rabbet mullions
- 16 and 14 gauge galvanized steel
- Thermal anchors available
- Jamb depths
 - Double rabbet
5-3/4" through 14"
 - Single rabbet
3-3/4" through 5-5/8"
- Maximum size 8'0" x 8'0"