

Mercury Thermal Break Hollow Metal Frame



Cuts Cold Transmission, Combats Frost, and Condensation

Ceco Door is pleased to announce the new Mercury thermal break frame. The newly designed energy efficient frame incorporates a bonded thermal break with a Pemko S44 compression type weather-stripping. The new frame design is priced up to 10% less than the previous design from the factory and soon will be available for pickup at select ASSA ABLOY regional service centers.

The new Mercury thermally broken frame has been independently tested for thermal performance with Trio-E (U value of 0.41) and FRP doors (U value of 0.39) in accordance with NFRC 102-2014 and ASTM test methods. The frame was also tested for resistance to air infiltration with these same doors 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 new thermal break design.

Testing

The new Mercury thermal break 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"

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