

Mercury 3 Energy Efficient Thermal Break Frame



NEW and IMPROVED THERMAL PERFORMANCE

*19% better thermal performance
than the previous design*

The Ceco Door Mercury 3 thermal break frame is an energy efficient frame that incorporates a durable extruded thermal break with a Pemko S44 compression type weather-stripping.

The Mercury 3 thermal break frame has been independently tested for thermal performance with the Imperial Series door with QMAX core U-Value of (0.32), in accordance with NFRC 102 and ASTM test methods and resistance to air infiltration (0.1 cfm sq ft), in accordance with NFRC 400 and ASTM test methods. This is **19% better thermal performance** than the prior Mercury frame!

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.

Testing

The Mercury 3 Energy Efficient Thermal Break Frame has been independently tested per SDI-113 application of ASTM C1363, NFRC 102-2023 and ASTM 1199 for resistance to air infiltration in accordance with ASTM and NFRC.

Frame Features and Benefits

- 19% better thermal performance than the previous design
- 0.32 U value with Imperial Series door with QMAX core
- 0.34 U value with the Trio-E Door
- Jamb depths
 - Double rabbet
5-3/4" through 14"
 - Single rabbet
3-3/4" through 14"
- Double and single rabbet mullions
- 16 and 14 gauge galvalume steel, galvanized option
- Maximum size singles 5'0" x 10'0" and pairs 10'0" x 10'0"
- Elevations available
- UL GreenGuard and GreenGuard Gold certified low-emitting product
- Thermal anchors available

Ceco Door
9159 Telecom Drive | Milan, TN 38358
Tel (888) 264-7474 | Fax (866) 465-9975
www.cecodoor.com

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