



The Energy Efficient Choice



Trio-E™
Energy Efficient Steel Stiffened Door
Ideal for Exterior Applications

Increase Building Energy Efficiency In Any Weather Condition

With energy prices continually increasing and commercial buildings consuming almost 40% of energy usage in North America, Ceco Door remains committed to providing maximum thermal resistant solutions. The new Trio-E door is steel stiffened for strength, but has achieved an operable U Factor of 0.34 which is 30% better than other steel stiffened doors currently available on the market today. Many building owners spend millions of dollars a year on energy bills and the Trio-E represents a chance for them to realize significant savings on a new or retrofit project.

Green

- Lowest operable U-Factor in the industry for a steel stiffened door (U Factor .34)
- High recycled steel content for LEED points up to 60.9%

Strong

- Added strength and durability of a steel stiffened core
- Steel stiffened design reduces thermal bow

Beautiful

- No vertical weld marks on door face sheets so aesthetically pleasing gloss paint can be applied
- Many door designs and prefinish color options available

ASSA ABLOY, the global leader in door opening solutions



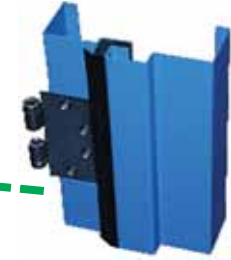
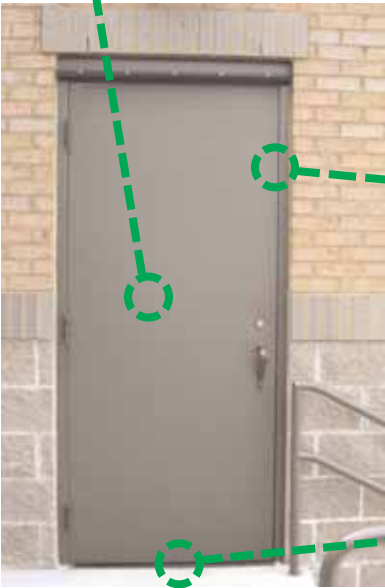
Ceco uses environmentally-sound practices in the manufacturing and shipping of our hollow metal doors and frames. Let us help as you strive to design "Green" buildings that are safe, secure and aesthetically-pleasing.





Ceco Door
Trio-E Insulated Steel Stiffened Door

Ceco Door
Thermal Break Frame



Pemko 273x3AFG
Thermal Barrier Saddle



According to data from the Spray Polyurethane Foam Alliance, doors represent 11% of the overall leakage in a building. When the Trio-E from Ceco is combined with thermally broken frames and thresholds, it becomes a sustainable building solution that can eliminate infiltration and exfiltration in the door opening and guarantee that the building envelope is tightly sealed, even in the harshest environment.



Features and Options

Standard Features:

- 18 gage face sheets, 16 gage optional
- 16 gage inverted end channels welded to both face sheets for added strength.
- 14 gage closer reinforcement

Available Sizes:

- 4'0" x 8'0" maximum single, 8'0" x 8'0" maximum pair

Material:

- Cold rolled or galvanized steel

Core:

- 22 gage steel stiffeners spaced every 6" apart with injected polyurethane foam

Edge Construction:

- Mechanically interlocked, hemmed vertical edge seams
- Seamless edges available

Hardware Reinforcements:

- Reinforcing for most lock preps, including concealed hardware
- 7 gage steel hinge reinforcements

Paint:

- Electrostatically applied prime base coat
- Optional Colorstyle factory pre-finish

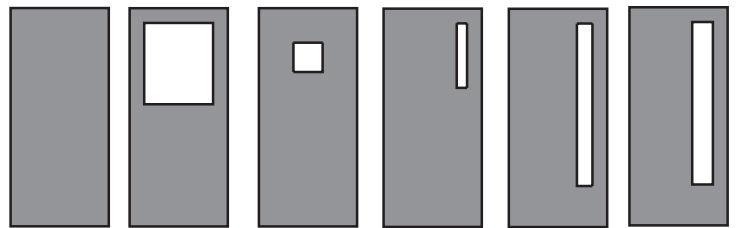
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Performance

- Thermal Insulation: Fully operable U-Factor 0.34, R-Value 2.9 (ASTM C1363), For test data regarding ASTM C518 and ASTM E 283, please refer to our website under Energy Efficiency.
- Physical endurance testing: Meets ANSI A250.4 performance test, level A (1,000,000 cycles) class 1 stiffness
- Fire rating: Up to and including 90 minutes 4'0" x 8'0" singles only (UL10C) UL & WH agencies

Door Designs



Steel SlimTrim kits

Hardwiring Made Easy™



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in door opening solutions

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