

Energy Efficient Steel Stiffened Door Ideal for Exterior Applications

Green

- Lowest operable U-Factor in the industry for a steel stiffened door (U Factor .29)
- High recycled steel content for LEED points up to 57.1%

Strong

- Steel stiffened core for added strength and durability
- 30% less thermal bow than most polyurethane foam core doors

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



Increase Building Energy Efficiency In Any Weather Condition

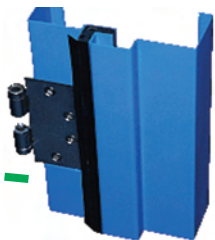
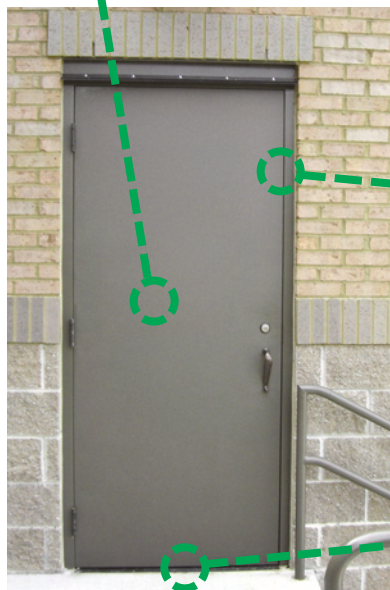
With energy prices continually increasing and commercial buildings consuming almost 40% of energy usage in North America, Fleming Door remains committed to providing maximum thermal resistant solutions. The new Trio-E door is steel stiffened for strength, but has achieved an operable U Factor of 0.29 which is 50% 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.

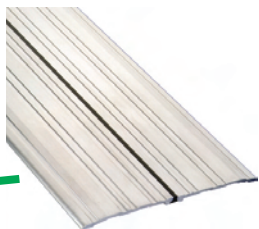


Fleming Door
Trio-E Insulated Steel Stiffened Door

Fleming Door
Thermal Break Frame



Pemko 273x3AFG
Thermal Barrier Saddle



Features and Options

Standard Features:

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

Available Sizes:

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

Material:

- Galvanneal steel

Core:

- 22 gauge 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 gauge steel hinge reinforcements

Paint:

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

101 Ashbridge Circle
Woodbridge, Ontario L4L 3R5
Tel: 416.749.2111 | 800.263.7515
Fax: 905.851.8346
www.flemingdoor.com

ASSA ABLOY, the global leader
in door opening solutions.

Approximately 40% of all energy leakage comes from the building envelope* this includes exterior doorways. Trio-E doors installed with Fleming Door Thermal Break frames and Pemko Thermal Barrier Saddles help increase thermal retention and reduce energy leakage.

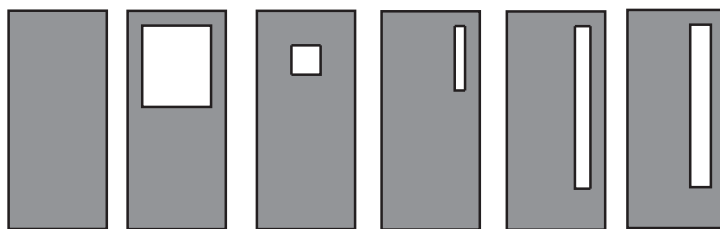
*Tony Woods, Air tight buildings, 2005



Performance

- Thermal Insulation: U-Factor 0.29, R-Value 3.4 (ASTM C1363).
- 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 and 8'0" x 8'0" pairs (no astragal required!) (UL10C) UL & WH agencies.

Door Designs



Steel SlimTrim kits

Hardwiring Made Easy®



Copyright © 2010, ASSA ABLOY Door Group, LLC,
an ASSA ABLOY Group company. All rights reserved.