

Trio-E is a new patent pending door design that delivers superior insulated values and strength plus, provides aesthetic qualities desired in today's commercial building applications. The E is for energy efficiency and Trio-E has the lowest U-Factor (0.34) for a steel stiffened door in the market today. The Trio-E will provide years of strength and sustainable energy savings for any building.

Presenting to Architects

When presenting to architects, key selling points include strong thermal properties, high-recycled steel content, and aesthetic design.

Strong

- Reduce the need for unsightly overhangs to compensate for thermal bow as Trio-E is less susceptible to thermal bow than conventional steel stiffened doors

Beautiful

- The Trio core is laminated to the face sheets per the HMMA 867 standard eliminating surface weld marks that are normally seen on most steel stiffened doors
- Trio-E is available in several design options with glass kits

Energy Efficient/Green

- The injected polyurethane foam core has superior insulation characteristics with a U-factor of 0.34 (ASTM C1363) for maximum energy efficiency. The U-Factor of 0.34 was achieved in an operable condition (ASTM1363) using the FLEMING Door Products Thermal Break Frame and Pemko 273x3AFG Thermal Barrier Saddle.

Presenting to Contractors

Contractors would be most interested in Trio-E's rugged construction which can meet jobsite demands

Strong

- 18 Gauge face sheets, 22 gauge stiffeners and foamed in place polyurethane foam core gives the Trio-E a stiffness class 1 rating
- Trio-E is less susceptible to thermal bow than conventional steel stiffened doors which will help reduce thermal bow related service call backs
- Manufactured in the USA and can be supplied to meet urgent jobsite demands

Presenting to End Users

End-users would be most interested to learn about Trio-E's thermal properties, aesthetic benefits and a heavy duty door design that will last

Strong

- Less problems with sticking doors in the summer and drafty doors in the winter because of Trio's reduction in thermal bow
- 18 Gauge face sheets, 22 gauge stiffeners and foamed in place polyurethane foam core gives the Trio-E a stiffness class 1 rating

Beautiful

- Smooth surfaces that allows aesthetically pleasing pre-finish colors
- Many design options available with glass kits

Energy Efficient/Green

- High thermal rating helps reduce heat transfer which helps to reduce building energy costs
- Retrofitting a building for energy efficiency qualifies for a tax deduction

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

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