

## Energy Efficient Steel Stiffened Door

### 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

- Cold rolled or galvalneal 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 factory pre-finish

#### Performance

- Thermal Insulation: U-Factor 0.29, R-Value 3.4 (ASTM C1363), for test data regarding ASTM C518 and ASTM E283, 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 3 hours 4'0" x 8'0" singles and 8'0" x 8'0" pairs (UL10C) UL  
4'0" x 8'0" singles WH 1-1/2 hour maximum
- Hurricane Rating: Up to and including +/-100 psf 3'0" x 7'0" single with CURRISeal (kerf) frame and cylindrical lock, mortise lock or rim exit device.  
U-Factor 0.36, R-Value 2.7 (ASTM C1363).

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ASSA ABLOY, the global leader  
in door opening solutions



Energy  
Efficient



Hurricane

### Strong, Energy Efficient Doorways In Any Weather Condition

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

Trio-E 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 (0.29) for a steel stiffened door in the market today. The U-Factor of 0.29 was achieved in an operable condition (ASTM1363) using the CURRIES Thermal Break Frame and Pemko 273x3AFG Thermal Barrier Saddle. The Trio-E will provide years of strength and sustainable energy savings for any building.

#### Strong

- Steel stiffened core for added strength and durability
- Hurricane Rated up to +/-100 psf for a 3070 single swing

#### Beautiful

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

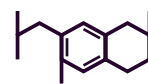
#### Green/Energy Efficient

- Injected polyurethane foam for superior insulation and energy efficiency
- Lowest U-Factor in the industry for a steel stiffened door
- Silver certified to UL Environmental ISR 102

\*Tony Woods, Air Tight Buildings, 2005

Log onto [www.curries.com](http://www.curries.com) to learn about the Trio-E door.

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Health Product  
DECLARATION

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