

# Trio Laminated Core Door

*Ideal for Exterior Applications*

## Strong

*Steel stiffened laminated core for added strength and durability*

*30% less thermal bow than most polyurethane foam core doors*

## Beautiful

*No marks from stiffeners on door face sheets*

*Many different door designs and color options available*

## Green

*High recycled steel content for LEED points up to 62.8%*

*Injected polyurethane foam option performs 40% better than competitive steel stiffened doors*



Strong, Beautiful, and Green best describe Trio, the innovative new product from Fleming. Trio is a fusion of laminate and welded steel stiffener cores to create a new patent pending design like no other. Trio contains all of the aesthetic and insulating benefits of a Fleming polyurethane door with the strength of welded steel stiffeners.



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ASSA ABLOY, the global leader in door opening solutions

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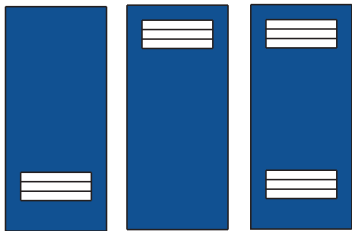
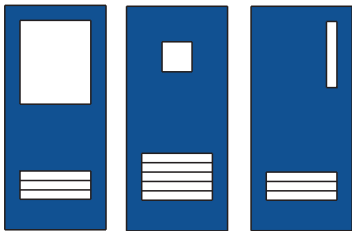
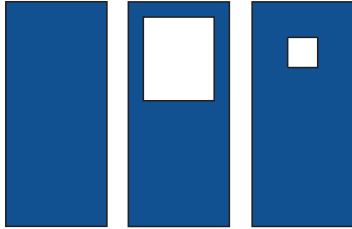


Energy Efficient



Eco-Friendly

### Door Designs



Steel Slim Trim kits or 4884 flush Kits\*  
\*Fiberglass core only

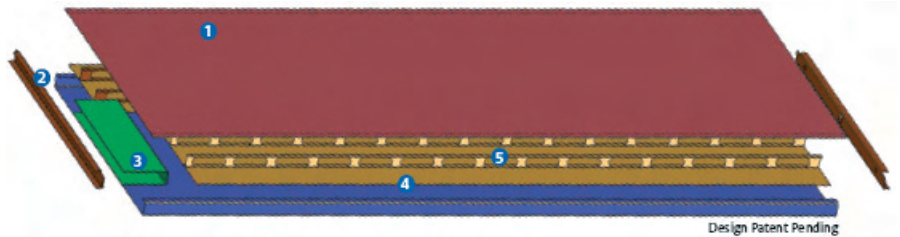
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### Performance

- Physical endurance testing: Meets ANSI A250.4 performance test, level A (1,000,000 cycles) class 1 stiffness
- cULus or cWHIus positive and neutral pressure ratings available.

### Trio Standard Features

- 1 18 gauge face sheets, 16 and 14 gauge optional
- 2 16 gauge inverted end channels welded to both face sheets for added strength
- 3 14 gauge closer reinforcement
- 4 18 gauge face sheet plus 22 gauge core plate is effectively 14 gauge thick on threat side of the door
- 5 22 gauge steel stiffeners spaced 6" apart and welded to core plate 5" on center



### Other Features and Options

#### Available Sizes:

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

#### Material:

- Galvanneal steel

#### Core Options:

- Injected polyurethane foam or fiberglass insulation in between the stiffeners

#### 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 pre-finish