

Imperial™/Versadoor™

Polyurethane Core

Features

- 1-3/4" (44.4 mm) insulated full flush design - rated for light to maximum-duty use
- Foamed-in-place polyurethane core provides total surface support, impact resistance and exceptional thermal resistance
- Mechanically interlocked, hemmed vertical edge seams for added strength and rigidity
- Inverted end channels welded to both face sheets
- 7 gauge (4.2 mm) steel hinge reinforcement
- Electrostatically applied prime base coat

Available Options

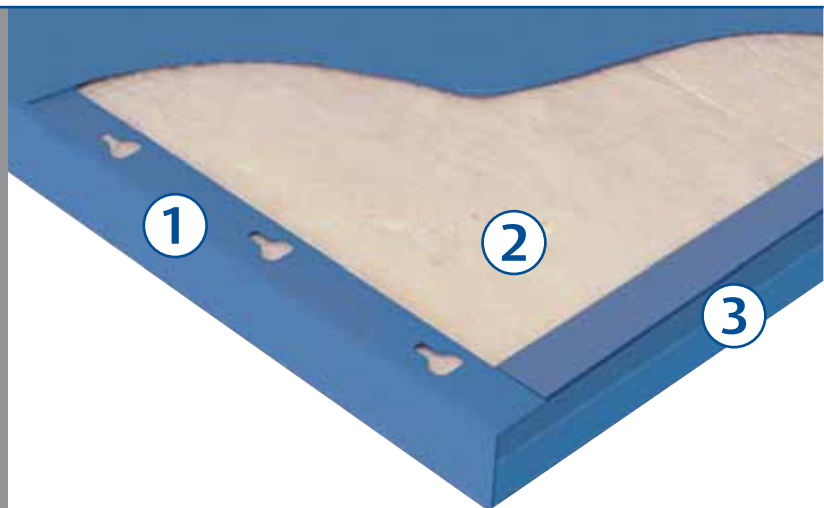
- 14 gauge (1.7mm) closer reinforcement
- Seamless design by application of epoxy filler or continuous welding
- Galvannealed, galvanized, or textured pattern steel
- Steel end channel filler cap
- Applied steel glass kits
- Embossed 6 panel, 8 panel, crossbuck and 2 panel designs
- Factory installed, insulated glazing
- Colorstyle factory finish (see page 46)
- Electrolynx® pre-wired quick connect cable (see page 36)

Imperial™

- Handed as specified
- Lock edge beveled 1/8" in 2" (1:16)
- For any standard commercial template hardware

VersaDoor™

- Non-handed
- Square lock edge
- For any standard commercial template hardware



1. Mechanically interlocked, hemmed vertical edge seam for strength and rigidity.
2. Foamed in-place polyurethane core provides total surface support, impact resistance and exceptional thermal resistance.
3. Inverted end channels welded to both face sheets for added strength.

DOOR LEVEL AVAILABILITY				
MODEL	TYPE	GAUGE	DEC	MM
LEVEL 1 LIGHT COMMERCIAL				
1	Flush	20	0.032	0.8
2	Seamless	20	0.032	0.8
LEVEL 2 HEAVY-DUTY COMMERCIAL				
1	Flush	18	0.042	1.0
2	Seamless	18	0.042	1.0
LEVEL 3 EXTRA HEAVY-DUTY COMMERCIAL				
1	Flush	16	0.053	1.3
2	Seamless	16	0.053	1.3
LEVEL 3 EXTRA HEAVY-DUTY COMMERCIAL				
2	Seamless	14	0.067	1.7

Performance

- Core Material: Foamed-in-Place Polyurethane
- R Factor 11.01 (ASTM C518)
- Sound Transmission: STC 26 (18 gauge operable)
- Designs Available: see page 51 for designs



Physical Endurance (Cycle Testing)

20 gauge	Level C	250,000 cycles
18 gauge	Level B	1,000,000 cycles
16 gauge	Level A	1,000,000 cycles
14 gauge	Level A	1,000,000 cycles

Fire Label (Rating): see page 43 for additional information on fire doors

Note: Imperial and Versadoor are labeled in compliance with UL10C, Positive Pressure Fire Tests of Door Assemblies

T	20 minute
C	3/4 hour
O	1 hour
B	1-1/2 hour
A	3 hour

Maximum Size

Single	40 x 90 (1219mm x 2743mm)
Pair	80 x 90 (2438mm x 2743mm)