

Regent™/Omega™

Honeycomb Core

Features

- 1-3/4" (44.4mm) general purpose full flush design, rated for light to extra heavy-duty use
- Kraft Honeycomb core provides structural strength and exceptional flatness
- Full-coat internal contact adhesive for permanent pressure bond and rust prevention
- Mechanically interlocked, hemmed vertical edge seams (as shown) or center edge seam for added strength and rigidity
- Inverted end channels welded to both face sheets
- 7 gauge (4.2mm) steel hinge reinforcement
- Rust inhibitive prime paint base coat meets ANSI A250.10

Available Options

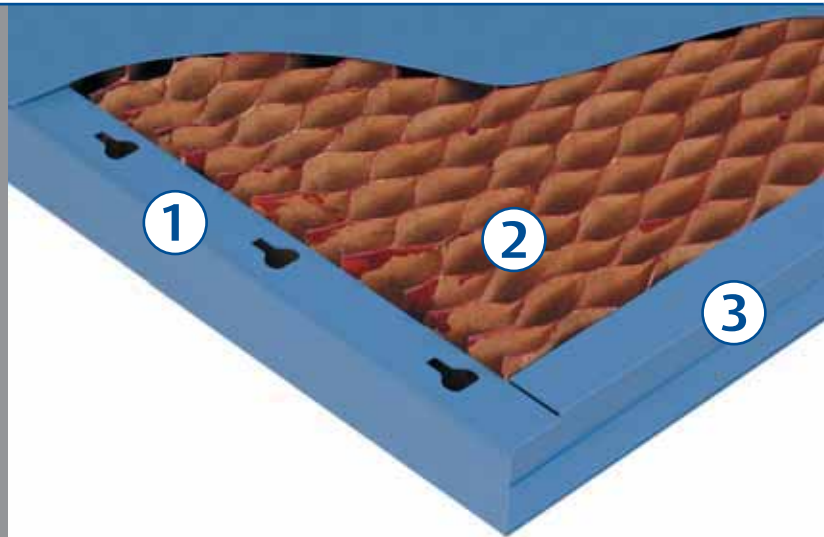
- 14 gauge (1.7mm) closer reinforcement
- Galvannealed, galvanized, or textured pattern steel
- Steel end channel filler cap
- Seamless Design by application of epoxy filler or continuous welding
- Applied or flush-welded steel glass kits
- Embossed 6 panel designs
- Factory installed, insulated glazing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

Regent™

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

Omega™

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



1. Mechanically interlocked, hemmed vertical edge seam for added strength and rigidity.
2. Honeycomb core provides structural strength.
3. Inverted end channels welded to both face sheets.

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

Performance

- Core Material: Honeycomb
- Sound Transmission: STC 32 (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

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

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)