

## GCD-PC

5-Ply Particle Core  
WDMA Extra Heavy Duty  
PC-5

### Construction

#### Horizontal Edges:

- Top and bottom rails
- Bonded to core
- Structural composite lumber
- 1" minimum after factory trim
- No additional blocking required for thru bolted closers
- Optional closer & lock blocks available

#### Vertical Edges:

- Mill Option Vertical Edges
- Bonded to core
- Structural composite lumber (SCL) laminated to a Mill option hardwood face.
- Maximum 20 minute fire rating.
- Meets UL 10b and UL 10c Category "B" requirements
- Option to UL 10c Category "A" that require no additional seal system

#### Core:

- Conforms to ANSI A208.1
  - Standard LD1 Particle Core - 28 lbs cf
  - Optional LD2 available - 32 lbs cf
- Meets requirements of LEED MR4.1+MR4.2
- STC rating 30 operable with required seal system

#### Construction Grade:

- Performance: WDMA - Extra Heavy Duty \*
- Aesthetic: WDMA - Custom Grade

#### Faces:

- Available in a variety of domestic and exotic wood species along with PHR (Primed Hardboard)

#### Veneer Grade:

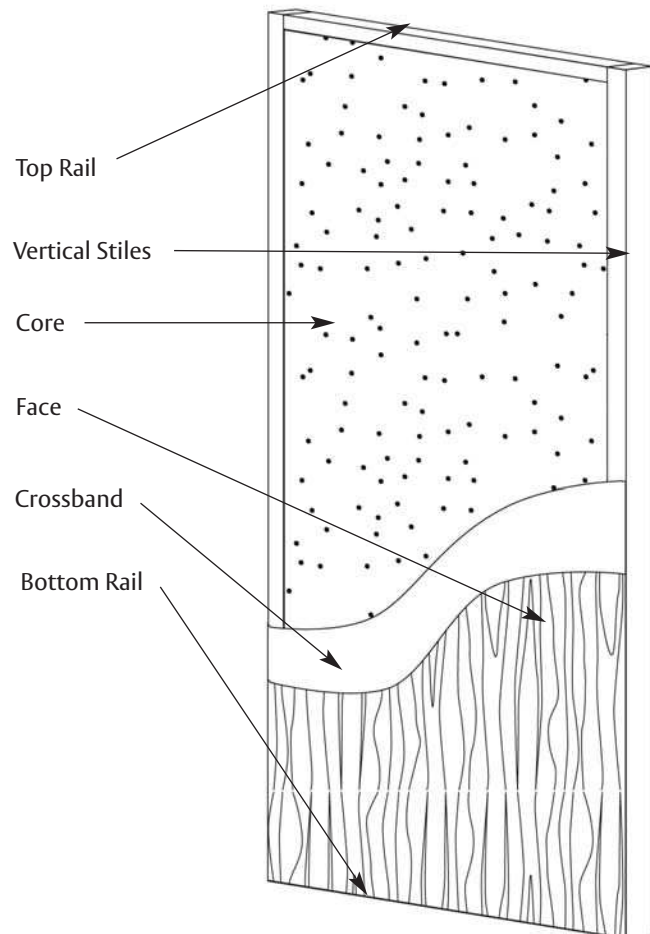
- Standard - WDMA "A" Book and Running Match
- Slip, Balance Match, and Center Balance Match available upon request

#### Adhesive:

- Doors constructed using Polyurethane Reactive (PUR) Adhesive technology

#### Finishes:

- Factory Finish meets or exceeds WDMA TR-6 and AWI 1500 standards
- Available in 9 standard colors and custom color match



### Lifetime Warranty Standard

#### LEED 2.2 Credit Options:

- MR 4.1 10% Recycled Content
- MR 4.2 20% Recycled Content

\*Optional blocking required to meet Extra Heavy Duty face screw holding standards.

## GCD-EC

5-Ply Engineered Composite Core No Added Urea  
Formaldehyde  
WDMA Extra Heavy Duty  
SCLC-5

### Construction

#### Horizontal Edges:

- Top and bottom rails
- Bonded to core
- Structural composite lumber
- 1" minimum after factory trim
- No additional blocking required for thru bolted closers

#### Vertical Edges:

- Mill option hardwood vertical edges
- Bonded to core
- Structural composite lumber (SCL) laminated to a Mill option hardwood face
- Maximum 20 minute fire rating.
- Meets UL 10b and UL 10c Category "B" requirements
- Option to UL 10c Category "A" that require no additional seal system

#### Core:

- Structural Composite Lumber (SCL)
- Contains no added Urea Formaldehyde
- Meets requirements of LEED EQ4.4
- STC rating 30 operable

#### Construction Grade:

- Performance: WDMA - Extra Heavy Duty
- Aesthetic: WDMA - Custom Grade

#### Faces:

- Available in a variety of domestic and exotic wood species along with PHR (Primed Hardboard)

#### Veneer Grade:

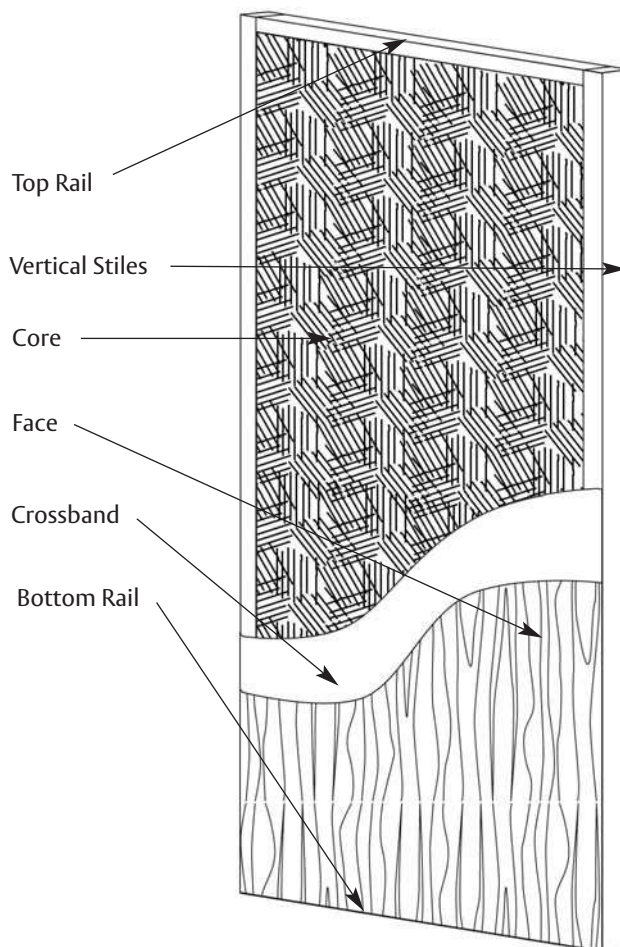
- Standard - WDMA "A" Book and Running Match
- Slip, Balance Match, and Center Balance Match available upon request

#### Adhesive:

- Doors constructed using Polyurethane Reactive (PUR) Adhesive technology

#### Finishes:

- Factory Finish meets or exceeds WDMA TR-6 and AWI 1500 standards
- Available in 9 standard colors and custom color match



### Lifetime Warranty Standard

#### LEED 2.2 Credit Options:

- EQ 4.4 Composite Wood (No Added Urea Formaldehyde)

June, 2008

ASSA ABLOY, the global leader  
in door opening solutions**GCD-SL**

5-Ply Stave Lumber Core No Added Urea Formaldehyde  
WDMA Extra Heavy Duty  
SLC-5

**Construction****Horizontal Edges:**

- Top and bottom rails
- Bonded to core
- Structural composite lumber
- 1" minimum after factory trim
- No additional blocking required for thru bolted closers

**Vertical Edges:**

- Mill option hardwood vertical edges
- Bonded to core
- Structural composite lumber (SCL) laminated to a Mill option hardwood face
- Maximum 20 minute fire rating.
- Meets UL 10b and UL 10c Category "B" requirements
- Option to UL 10c Category "A" that require no additional seal system

**Core:**

- Stave lumber with staggered joints
- Contains no added Urea Formaldehyde
- Meets requirements of LEED EQ4.4

**Construction Grade:**

- Performance: WDMA - Extra Heavy Duty
- Aesthetic: WDMA - Custom Grade

**Faces:**

- Available in a variety of domestic and exotic wood species along with PHR (Primed Hardboard)

**Veneer Grade:**

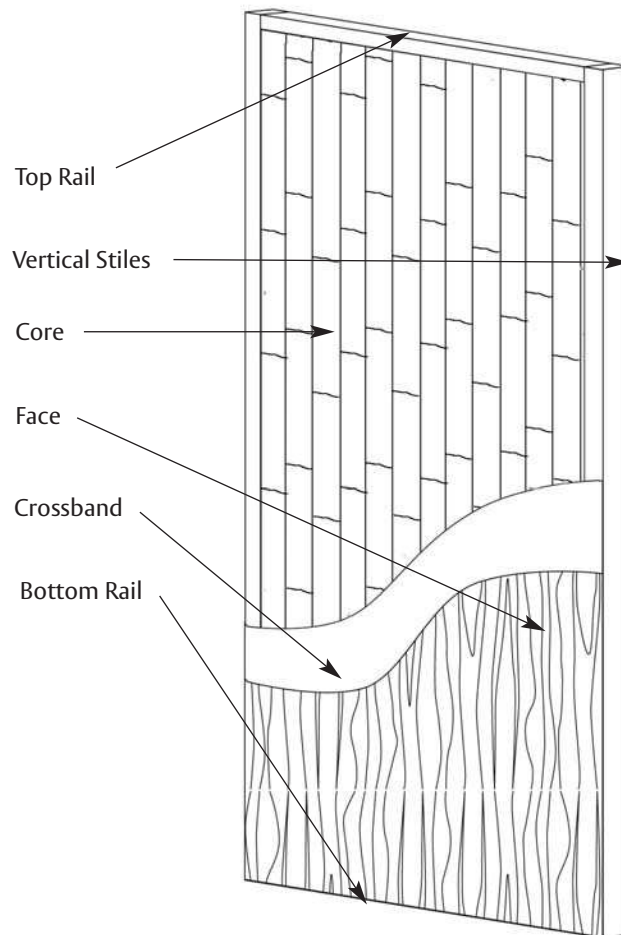
- Standard - WDMA "A" Book and Running Match
- Slip, Balance Match, and Center Balance Match available upon request

**Adhesive:**

- Doors constructed using Polyurethane Reactive (PUR) Adhesive technology

**Finishes:**

- Factory Finish meets or exceeds WDMA TR-6 and AWI 1500 standards
- Available in 9 standard colors and custom color match

**Lifetime Warranty Standard****LEED 2.2 Credit Options:**

- EQ 4.4 Composite Wood (No Added Urea Formaldehyde)

## GCD-AP

5-Ply Agrifiber Core  
No Added Urea Formaldehyde  
WDMA Extra Heavy Duty  
PC-5

### Construction

#### Horizontal Edges:

- Top and bottom rails
- Bonded to core
- Structural composite lumber
- 1" minimum after factory trim
- No additional blocking required for thru bolted closers
- Optional closer & lock blocks available

#### Vertical Edges:

- Mill option hardwood vertical edges
- Bonded to core
- Structural composite lumber (SCL) laminated to a Mill option hardwood face
- Maximum 20 minute fire rating.
- Meets UL 10b and UL 10c Category "B" requirements
- Option to UL 10c Category "A" that require no additional seal system

#### Core:

- Agrifiber (wheat)
- Conforms to ANSI A208.1
- Contains no added Urea Formaldehyde
- Meets requirements of LEED MR4.1+MR4.2+MR6.0+EQ4.4, and California Air Resources Board (CARB)

#### Construction Grade:

- Performance: WDMA - Extra Heavy Duty \*
- Aesthetic: WDMA - Custom Grade

#### Faces:

- Available in a variety of domestic and exotic wood species along with PHR (Primed Hardboard)

#### Veneer Grade:

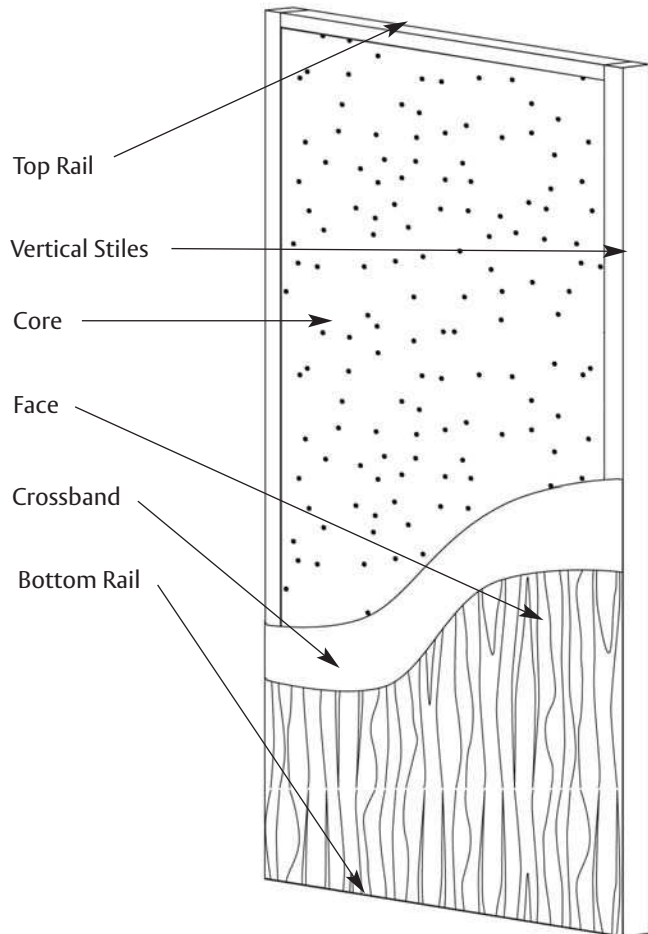
- Standard - WDMA "A" Book and Running Match
- Slip, Balance Match, and Center Balance Match available upon request

#### Adhesive:

- Doors constructed using Polyurethane Reactive (PUR) Adhesive technology

#### Finishes:

- Factory Finish meets or exceeds WDMA TR-6 and AWI 1500 standards
- Available in 9 standard colors and custom color match



### Lifetime Warranty Standard

#### LEED 2.2 Credit Options:

- MR 4.1 10% Recycled Content
- MR 4.2 20% Recycled Content
- MR 5.1 & 5.2 based on location of project
- MR 6.0 Rapidly Renewable
- EQ 4.4 Composite Wood (No Added Urea Formaldehyde)

\*Optional blocking required to meet Extra Heavy Duty face screw holding standards.

### GCD-45

5-Ply Agrifiber Core  
No Added Urea Formaldehyde  
WDMA Extra Heavy Duty  
PC-45-5

### Construction

#### Horizontal Edges:

- Top and bottom rails
- Bonded to core
- Structural composite lumber
- 1" minimum after factory trim
- No additional blocking required for thru bolted closers
- Optional closer & lock blocks available

#### Vertical Edges:

- Mill Option Vertical Edges
- Bonded to core
- Structural composite lumber (SCL) laminated to a mill option hardwood face.
- Maximum 45 minute fire rating.
- Meets UL 10b and UL 10c Category "B" requirements
- Option to UL 10c Category "A" that require no additional seal system

#### Core:

- Agri-board (wheat)
- Conforms to ANSI A208.1
- Contains no added Urea Formaldehyde
- Meets requirements of LEED MR4.1+MR4.2+MR6.0+EQ4.4, and California Air Resources Board (CARB)
- 250° temperature rise

#### Construction Grade:

- Performance: WDMA - Extra Heavy Duty \*
- Aesthetic: WDMA - Premium Grade

#### Faces:

- Available in a variety of domestic and exotic wood species along with PHR (Primed Hardboard)

#### Veneer Grade:

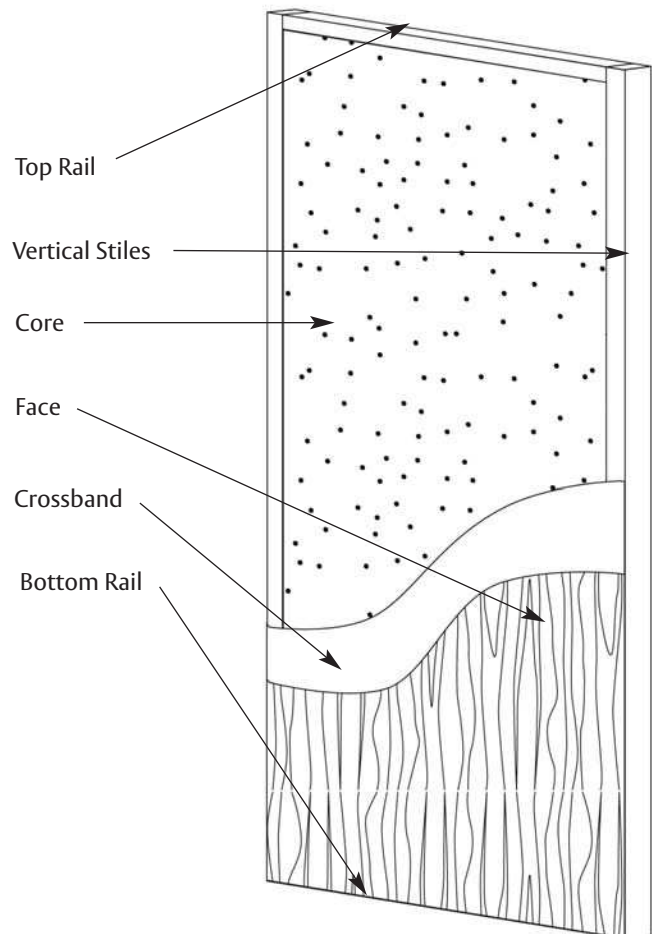
- Standard - WDMA "A" Book and Running Match
- Slip, Balance Match, and Center Balance Match available upon request

#### Adhesive:

- Doors constructed using Polyurethane Reactive (PUR) Adhesive technology

#### Finishes:

- Factory Finish meets or exceeds WDMA TR-6 and AWI 1500 standards
- Available in 9 standard colors and custom color match



Available in 4'0" x 8'0" maximum size  
Single swing only - no pairs

Lifetime Warranty Standard

#### LEED 2.2 Credit Options:

- MR 4.1 10% Recycled Content
- MR 4.2 20% Recycled Content
- MR 6.0 Rapidly Renewable
- EQ 4.4 Composite Wood (No Added Urea Formaldehyde)

\*Optional blocking required to meet Extra Heavy Duty face screw holding standards.

## GCD-45/60

5-Ply Mineral Core  
WDMA Extra Heavy Duty  
FD 45-5 FD 60-5

### Construction

#### Horizontal Edges:

- Top and bottom rails
- Bonded to core
- Fire resistive composite materials
- 1" minimum after factory trim
- No additional blocking required for thru bolted closers
- Optional closer & lock blocks available

#### Vertical Edges:

- Mill Option Vertical Edges
- Bonded to core
- Fire resistive composite stiles, laminated to a mill option hardwood face
- Maximum 45/60 minute fire rating.
- Meets UL 10b and UL 10c Category "B" requirements
- Option to UL 10c Category "A" that require no additional seal system

#### Core:

- Fire resistive core material
- 250° temperature rise

#### Construction Grade:

- Performance: WDMA - Extra Heavy Duty \*
- Aesthetic: WDMA - Premium Grade

#### Faces:

- Available in a variety of domestic and exotic wood species along with PHR (Primed Hardboard)

#### Veneer Grade:

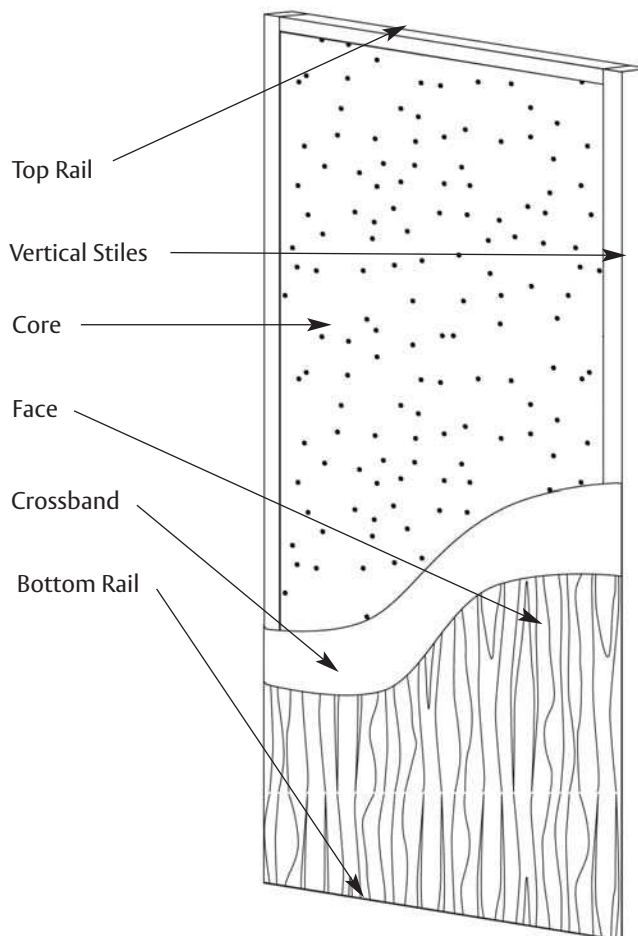
- Standard - WDMA "A" Book and Running Match
- Slip, Balance Match, and Center Balance Match available upon request

#### Adhesive:

- Doors constructed using Polyurethane Reactive (PUR) Adhesive technology

#### Finishes:

- Factory Finish meets or exceeds WDMA TR-6 and AWI 1500 standards
- Available in 9 standard colors and custom color match



### Lifetime Warranty Standard

\*Optional blocking required to meet Extra Heavy Duty face screw holding standards.

### GCD-90

5-Ply Mineral Core  
WDMA Extra Heavy Duty  
FD 90-5

#### Construction

##### Horizontal Edges:

- Top and bottom rails
- Bonded to core
- Fire resistive composite material
- 1" minimum after factory trim
- No additional blocking required for thru bolted closers
- Optional closer & lock blocks available

##### Vertical Edges:

- Mill option Vertical Edges
- Bonded to core
- Fire resistive composite material, laminated to a mill option hardwood face
- Maximum 90 minute fire rating.
- Meets UL 10b and UL 10c Category "B" requirements
- Option to UL 10c Category "A" that require no additional seal system

##### Core:

- Fire resistive core material
- 250° temperature rise

##### Construction Grade:

- Performance: WDMA - Extra Heavy Duty \*
- Aesthetic: WDMA - Premium Grade

##### Faces:

- Available in a variety of domestic and exotic wood species along with PHR (Primed Hardboard)

##### Veneer Grade:

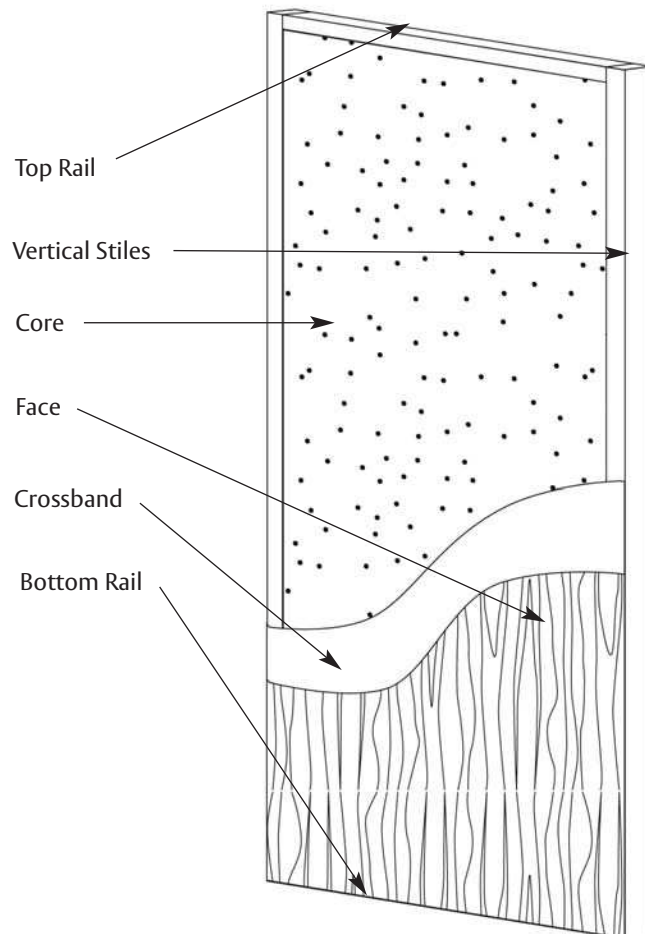
- Standard - WDMA "A" Book and Running Match
- Slip, Balance Match, and Center Balance Match available upon request

##### Adhesive:

- Doors constructed using Polyurethane Reactive (PUR) Adhesive technology

##### Finishes:

- Factory Finish meets or exceeds WDMA TR-6 and AWI 1500 standards
- Available in 9 standard colors and custom color match



#### Lifetime Warranty Standard

\*Optional blocking required to meet Extra Heavy Duty face screw holding standards.