<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PAGE(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1/4” Thick Door</td>
<td></td>
</tr>
<tr>
<td>Astragals</td>
<td></td>
</tr>
<tr>
<td>Flat</td>
<td>89</td>
</tr>
<tr>
<td>“h” Type</td>
<td>125</td>
</tr>
<tr>
<td>Z Type</td>
<td>90</td>
</tr>
<tr>
<td>Behavioral Healthcare Patient Room Access Door</td>
<td>171</td>
</tr>
<tr>
<td>Bevels</td>
<td>26-27</td>
</tr>
<tr>
<td>Bi-Fold Doors</td>
<td>124</td>
</tr>
<tr>
<td>Bottom (Semi-mortise)</td>
<td>95</td>
</tr>
<tr>
<td>Caps (Flush)</td>
<td>31-32</td>
</tr>
<tr>
<td>Clearances</td>
<td>24-25</td>
</tr>
<tr>
<td>Construction Type (Series)</td>
<td></td>
</tr>
<tr>
<td>607</td>
<td>1-2</td>
</tr>
<tr>
<td>707</td>
<td>3</td>
</tr>
<tr>
<td>707 Honeycomb Core</td>
<td>162</td>
</tr>
<tr>
<td>707 Stainless Steel</td>
<td>See Specialty Section</td>
</tr>
<tr>
<td>727</td>
<td>4</td>
</tr>
<tr>
<td>747</td>
<td>6</td>
</tr>
<tr>
<td>747 Stainless Steel</td>
<td>See Specialty Section</td>
</tr>
<tr>
<td>747 Temperature Rise</td>
<td>170</td>
</tr>
<tr>
<td>767 Stile and Rail Door Construction</td>
<td>133-134</td>
</tr>
<tr>
<td>777 Trio</td>
<td>161</td>
</tr>
<tr>
<td>777 Trio-E</td>
<td>164</td>
</tr>
<tr>
<td>797 Mercury Door</td>
<td>165</td>
</tr>
<tr>
<td>847</td>
<td>10-14</td>
</tr>
<tr>
<td>857</td>
<td>15-19</td>
</tr>
<tr>
<td>Bullet Resistant Door and Frame</td>
<td>See Specialty Section</td>
</tr>
<tr>
<td>STC Quiet Noise Door</td>
<td>See Specialty Section</td>
</tr>
<tr>
<td>Lead-Lined Door and Frame</td>
<td>See Specialty Section</td>
</tr>
<tr>
<td>Water Resistant Door and Frame</td>
<td>See Specialty Section</td>
</tr>
<tr>
<td>Attack Resistant Door</td>
<td>See Specialty Section</td>
</tr>
<tr>
<td>Forced Entry Bullet Resistant Door and Frame</td>
<td>See Specialty Section</td>
</tr>
<tr>
<td>Flood Resistant Door and Frame</td>
<td>See Specialty Section</td>
</tr>
<tr>
<td>CURRISTain Door</td>
<td>125</td>
</tr>
<tr>
<td>Dutch Doors</td>
<td>40</td>
</tr>
<tr>
<td>Dutch Door Shelves</td>
<td>41-42</td>
</tr>
<tr>
<td>Edge Seams</td>
<td>28</td>
</tr>
<tr>
<td>End Channels</td>
<td>29</td>
</tr>
<tr>
<td>Face Types 1 &amp; 2 (old style)</td>
<td>44-47, 60-65, 71-72</td>
</tr>
<tr>
<td>Face Types 9 &amp; 10 (standard kit)</td>
<td>138-160</td>
</tr>
<tr>
<td>Glass - Factory Installed in Doors</td>
<td></td>
</tr>
<tr>
<td>Karalite Filmed and Karalite Laminated</td>
<td>166</td>
</tr>
<tr>
<td>FireLite NT and FireLite Plus</td>
<td>167</td>
</tr>
<tr>
<td>1/4” Tempered</td>
<td>168</td>
</tr>
<tr>
<td>1/4” Filmed Wire</td>
<td>168</td>
</tr>
<tr>
<td>5/8” and 1” Insulated Glass</td>
<td>169</td>
</tr>
<tr>
<td>Glass Sizes (Visible)</td>
<td>48-59</td>
</tr>
<tr>
<td>Glass Moulding</td>
<td></td>
</tr>
<tr>
<td>Type 1 (old style)</td>
<td>66-67, 73-75</td>
</tr>
<tr>
<td>Type 2 (old style wide pocket)</td>
<td>75-76</td>
</tr>
<tr>
<td>Type 3 (Custom)</td>
<td>73, 77, 79</td>
</tr>
<tr>
<td>Type 4 (Custom)</td>
<td>78-79</td>
</tr>
<tr>
<td>Type 7 &amp; 8 (Custom)</td>
<td>127</td>
</tr>
<tr>
<td>Type 11</td>
<td>131</td>
</tr>
<tr>
<td>Window Kit Pocket Sizes</td>
<td>126</td>
</tr>
</tbody>
</table>
**DESCRIPTION**

<table>
<thead>
<tr>
<th>Description</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardware</td>
<td></td>
</tr>
<tr>
<td>ElectroLynx System</td>
<td>129</td>
</tr>
<tr>
<td>Locations</td>
<td>35-39</td>
</tr>
<tr>
<td>Reinforcement - Preparation</td>
<td></td>
</tr>
<tr>
<td>Closer/Holder</td>
<td>91-92</td>
</tr>
<tr>
<td>Concealed Closer</td>
<td>93-94</td>
</tr>
<tr>
<td>Flush Bolts</td>
<td>120-121</td>
</tr>
<tr>
<td>Hinge</td>
<td></td>
</tr>
<tr>
<td>Hinge Preparation, 10&quot; Blank</td>
<td>34</td>
</tr>
<tr>
<td>Standard Mortise</td>
<td>2</td>
</tr>
<tr>
<td>Surface Mounted</td>
<td>20</td>
</tr>
<tr>
<td>Overmortise-double Mortise</td>
<td>9</td>
</tr>
<tr>
<td>Locks</td>
<td></td>
</tr>
<tr>
<td>Cylindrical</td>
<td>96-102</td>
</tr>
<tr>
<td>Cylindrical Lock - Deadlock</td>
<td>115</td>
</tr>
<tr>
<td>Deadlocks</td>
<td>116-117</td>
</tr>
<tr>
<td>Pocket</td>
<td>118</td>
</tr>
<tr>
<td>Exit Device Preparations</td>
<td></td>
</tr>
<tr>
<td>Concealed Vertical Rod</td>
<td>111</td>
</tr>
<tr>
<td>Mortise Exit</td>
<td>110</td>
</tr>
<tr>
<td>Rim Panic</td>
<td>108, 128</td>
</tr>
<tr>
<td>Rim Vertical Rod</td>
<td>109, 114, 128</td>
</tr>
<tr>
<td>Mortise Lock</td>
<td>103-106, 112-113</td>
</tr>
<tr>
<td>Unit</td>
<td>107</td>
</tr>
<tr>
<td>Push - Pulls</td>
<td>119</td>
</tr>
<tr>
<td>Strikes</td>
<td></td>
</tr>
<tr>
<td>Deadlock Strikes</td>
<td>82-83</td>
</tr>
<tr>
<td>Electric Strikes</td>
<td>86-88</td>
</tr>
<tr>
<td>Lip Strikes</td>
<td>80-81</td>
</tr>
<tr>
<td>Open Back Strike</td>
<td>84-85</td>
</tr>
<tr>
<td>Surface Bolts</td>
<td>122</td>
</tr>
<tr>
<td>Pivots Top and Bottom</td>
<td>22</td>
</tr>
<tr>
<td>Pivots Intermediate</td>
<td>23</td>
</tr>
<tr>
<td>Pocket Pivot</td>
<td>21</td>
</tr>
<tr>
<td>Louvers (Size and Location)</td>
<td>68-70</td>
</tr>
<tr>
<td>Non-Rated Door Louver</td>
<td>163</td>
</tr>
<tr>
<td>Monorail Preparation</td>
<td>43</td>
</tr>
<tr>
<td>Rabbit Edge</td>
<td>76</td>
</tr>
<tr>
<td>Replacement Door</td>
<td>33</td>
</tr>
<tr>
<td>Panels</td>
<td></td>
</tr>
<tr>
<td>Hollow Metal - Labeled</td>
<td>30</td>
</tr>
<tr>
<td>Hollow Metal - Non-Labeled</td>
<td>30a</td>
</tr>
<tr>
<td>Mineral Fibreboard - Labeled</td>
<td>30b</td>
</tr>
<tr>
<td>Composite Core - Non-Labeled</td>
<td>30c</td>
</tr>
<tr>
<td>Pocket Door</td>
<td>29</td>
</tr>
<tr>
<td>Wicket Doors</td>
<td>135-136</td>
</tr>
</tbody>
</table>
**607 Door Construction**

**Door Technical Data**

October, 2009

**SPECIFICATIONS**

- **14 GA. (1.9)** Closer Reinforcement Channel (Optional)
- **18 GA. (1.2)** Top End Channel
- **16 GA. (1.4)** Lock Channel (With 1/2" (12.7) Leg Length)
- **POLYSTYRENE CORE**
- **14 GA. (1.9)** Hinge Channel (With 1/2" (12.7) Leg Length)
- **20 GA. (0.9) & 18 GA. (1.2) Skins (C.R.S. Only)**
- **FACE SKINS BONDED TO CORE**
- **3/8" AND 5/8" (15.8) UNDERCUT ONLY!**
- **18 GA. (1.2)** Bottom End Channel

**ASSA ABLOY**, the global leader in door opening solutions
607 Door Specifications

Door Technical Data

March, 2011

NOTES:
THICKNESS: 1-3/4” (44.5) ONLY!
HANDED: Non-handed only. (square edges)
EDGE: “S” type only.
WIDTH: 2’0” (609.2) to 4’0” (1219.2), standard size increments only.
HEIGHT: 6’8” (2032), 7’0” (2133.6), 7’2” (2184.4), and 8’0” (2438.4) only
DOOR CLEARANCES: Standard – 1/8” (3.1) top, 3/8” (9.5) and 5/8” (15.8) bottom, 3/32” (2.3) hinge edge, 1/8” (3.1) lock edge.

HARDWARE PREPARATIONS:
Locks: Cylindrical – G2, G2B, G2EO
Cylindrical deadlock – G16
Mortise – G3, G3EO (edge only), G3AE (edge only), G3ARO (reinforce only).
Strikes: E1B (Cut lip on strike in field)
Flushbolt: H1, H1HO
Surface Bolt: SB
Push-Pull Reinf: G18
Hinges: 4-1/2” (114.3) x 4-1/2” (114.3) x .134” (3.4) Thickness and .180” heavy weight – 1/4” (6.3) backset.
Panic Devices: G11 (rim exit), G11A (surface vertical rod), both reinforce only.
Closer: CL

GLASS KITS: Flush doors only.
ASTRAGALS: Not available factory installed - field installation only.
Hinge and lock locations are SDI manufacturers standard locations.

Steel Top/Bottom Filler Cap

(1) 20 GA. (.9) Galvannealed
COUNTERSINK #6–20
SELF TAPPING SCREW.

SCREW APPLIED
CAP NOTCHED AT BOTH ENDS TO FIT HINGE AND LOCK CHANNELS.
END VIEW

Hinge Edge

DOOR SKIN MORTISED FOR HEAVY WEIGHT NONHANDED 4-1/2” (114.3) HINGE
18 GA. (1.2) HINGE FILLER HOLE PATTERN Sized for 4-1/2” (114.3) Hinge
Provided with Door
14 GA. (1.9) CLOSER REINFORCEMENT CHANNEL (OPTIONAL)

16 GA. (1.4) TOP END CHANNEL

POLYSTYRENE CORE URETHANE (OPTIONAL)

14 GA. (1.9) LOCK CHANNEL

LOCK PREPARATION AS REQUIRED

20 GA. (0.9) - 14 GA. (1.9) FACE SKINS BONDED TO CORE

14 GA. (1.9) STANDARD HINGE CHANNEL
12 GA. (2.6) SPECIAL ORDER

16 GA. (1.4) BOTTOM END CHANNEL

NOTE: SEE PAGE 162 FOR HONEYCOMB OPTION
250°F Temperature Rise Rating
450°F Temperature Rise Rating

12 GA. (2.6) STANDARD HINGE CHANNEL

14 GA. (1.9) CLOSER REINFORCEMENT CHANNEL (OPTIONAL)

12 GA. (2.6) TOP END CHANNEL

TEMPERATURE RISE COREBOARD

14 GA. (1.9) LOCK CHANNEL

LOCK PREPARATION AS REQUIRED

18 GA. (1.2) AND 16 GA. (1.4) FACE SKINS BONDED TO CORE

16 GA. (1.4) BOTTOM END CHANNEL
A STEEL STIFFENED DOOR DESIGN IS AVAILABLE WITH A 450˚ TEMPERATURE RISE FIRE RATING ON PAGE 169.
**Hinge Channel Reinforcement**

**Door Technical Data**

April, 2002

**CONTINUOUS HINGE CHANNEL**

14 GA. (1.9) STANDARD

12 GA. (2.6) SPECIAL ORDER - STANDARD AS NOTED PER DOOR SERIES

4-1/2" HINGE ONLY ULTIMA SHIM STANDARD FOR 4-1/2" HINGE STANDARD AND HEAVYWEIGHT

**HANDED - A BEVEL “ULTIMA”**

CONTINUOUS HINGE CHANNEL

14 GA. (1.9) STANDARD

12 GA. (2.6) SPECIAL ORDER - STANDARD AS NOTED PER DOOR SERIES

4-1/2" HINGE ONLY ULTIMA SHIM STANDARD FOR 4-1/2" HINGE STANDARD AND HEAVYWEIGHT

**NON HANDED - B BEVEL - “ULTIMA”**

CONTINUOUS HINGE CHANNEL

14 GA. (1.9) STANDARD

12 GA. (2.6) SPECIAL ORDER - STANDARD AS NOTED PER DOOR SERIES

4-1/2" HINGE ONLY

SCREW HOLES ARE EXTRUDED TO PROVIDE THREAD DEPTH EQUAL TO 10 GA. (3.4) PLATE (14 GA. (1.9))

3/16" (4.8) PLATE (12 GA. (2.6))

HINGE PREPARATIONS OTHER THAN 4-1/2" ARE SIZE AND TAP PER TEMPLATE.
Over Mortise and Double Mortise Hinges on Doors

Door Technical Data

April, 2002

NOTE: ULTIMA 4-1/2” (114.3) HINGE GIVES THE OPTION OF STANDARD OR HEAVY WEIGHT.
INSULATION BETWEEN RIBS 1 LB. (.45) DENSITY

LOCK PREPARATION AS REQUIRED

FACE SHEETS (STANDARD)
14 GA. (1.9)

4" (102) MAX. SPACING

1-3/4" (35)

CLOSER REINFORCEMENT (OPTIONAL)
12 GA. (2.6)

TOP AND BOTTOM END CHANNEL
16 GA. (1.4)

LOCK CHANNEL REINFORCING
14 GA. (1.9)
1/8" IN 2" BEVEL
(3.2) IN (50.8)

RIBS WELDED TOGETHER AT ENDS

RIBS, SPOT WELDED TO EACH SKIN AT 4" (102) MAX. SPACING 18 GA. (1.2) AND WELDED FULL WIDTH ON ENDS.

12 GA. (2.6) HINGE CHANNEL REINFORCING
1/8" IN 2" BEVEL
(3.2) IN (50.5)
**NOTE:** RIBS ARE WELDED TOGETHER FULL WIDTH ON ENDS OF RIB.

14 GA. (1.9) FACE SHEET

RIBS WELDED TO FACE SHEETS 4" (101.6) ON CENTER MAX.
18 GA. (1.2) RIBS STANDARD.

14 GA. (1.9) LOCK CHANNEL

12 GA. (2.6) HINGE CHANNEL EXTRUDED AND TAPPED FOR HINGES

4" (102) MAX.
847 Security Door Hinge Channel Reinforcement

Door Technical Data

April, 2002

SIZE AND TAP PER TEMPLATE

CONTINUOUS HINGE CHANNEL
12 GA. (2.6)

HOLE FOR PRISON SAFETY FEATURE (PSF)
STUD (OPTIONAL)

EXTRUDED TO PROVIDE THREAD DEPTH EQUIVALENT TO 3/16" (4.8) PLATE

(STD) TAP 12-24
(OPTIONAL) TAP 1/4-20

1/4" (25.6)

1-3/4" (44.5)
STANDARD HINGE BACKSET
"G" BEVEL DOOR SHOWN

1-15/16" (49.3)
1/16" (1.6) CLEARANCE
1/4" (6.4)
1-3/4" (44.5)
1/8" (3.2) REVEAL

STRIKE LOCATIONS

A = DEADLOCK STRIKE HEIGHT
B = HOSPITAL LATCH STRIKE AND
PUSH PLATE HEIGHT
C = PUSH BAR AND PULL
D = STRIKE HEIGHT

5/8" (15.9)
40" (1017.1)
42" (1068)
48" (1220.6)
PER TEMPLATE
16 GA. (1.4) STANDARD

NOTCHED AT BOTH ENDS TO FIT HINGE AND LOCK CHANNELS.

WELDED (STANDARD)

ARC WELDS

FILL AND FINISH SMOOTH. (OPTIONAL)
2" DOOR

RIBS WELDED TOGETHER AT ENDS

RIBS, SPOT WELDED TO EACH SKIN ON 4" (101.6) CENTERS AND FULL WIDTH ON ENDS. 18 GA. (1.2)

FACE SHEETS (STANDARD) 14 GA. (1.9)

16 GA. (1.4) WELDED TOP CAP

INSULATION BETWEEN RIBS 1 LB. (.45)

LOCK CHANNEL REINFORCING 14 GA. (1.9) 1/8" IN 2" BEVEL (3.2) IN (50.5)

LOCK PREPARATION AS REQUIRED

TOP AND BOTTOM END CHANNEL 14 GA. (1.9)

CLOSER REINFORCEMENT (OPTIONAL) 12 GA. (2.6).

12 GA. (2.6) HINGE CHANNEL REINFORCING 1/8" IN 2" BEVEL (3.2) IN (50.8)

2" (50.8)
14 GA. (1.9) FACE SKINS

14 GA. (1.9) LOCK CHANNEL

12 GA. HINGE CHANNEL PUNCHED AND PIERCED

RIBS WELDED TO FACE SHEETS 4’’ (101.6) ON CENTER MAX
18 GA. (1.2) RIBS STANDARD

NOTE: RIBS ARE WELDED FULL WIDTH ON ENDS

2” DOOR

4’’ (101.6) MAX.
CONTINUOUS HINGE CHANNEL
12 GA. (2.6)

HOLE FOR PRISON SAFETY FEATURE (PSF) STUD (OPTIONAL)

EXTRUDED TO PROVIDE THREAD DEPTH EQUIVALENT TO 3/16" (4.8) PLATE

(STD) TAP 12-24 (OPTIONAL) TAP 1/4-20

1/2" (12.7)

2" (50.8)
STANDARD HINGE BACKSET

2" DOOR

“G” BEVEL DOOR SHOWN

STRIKE LOCATIONS

2" DOOR

A = DEADLOCK STRIKE HEIGHT
B = HOSPITAL LATCH STRIKE AND PUSH PLATE HEIGHT
C = PUSH BAR AND PULL
D = STRIKE HEIGHT
2" DOOR

16 GA. (1.4) STANDARD

CAP NOTCHED AT BOTH ENDS TO FIT HINGE AND LOCK CHANNELS.

WELDED (STANDARD)

ARC WELDS

FILL AND FINISH SMOOTH. (OPTIONAL)

2" (50.8)
NOTE: DOOR SIZE REQUIREMENTS DETERMINED BY HINGE MANUFACTURERS TEMPLATES AND MOUNTING INSTALLATION.

CONTINUOUS GEAR HINGE APPLICATIONS
(CLEARANCE VARIES PER MANUFACTURER)

CLEARANCE: 11/32" (8.7) PLUS STANDARD LOCKSIDE CLEARANCE

CLEARANCE: NONE REQUIRED
1-5/8" (41.3) MINIMUM FRAME FACE REQUIRED PLUS 3/16" (4.8) ROTATIONAL CLEARANCE

CONTINUOUS HINGE APPLICATIONS

12 GA. (2.6) CONTINUOUS HINGE CHANNEL

FULL HEIGHT OF DOOR

USE FOR SURFACE APPLIED BUTT AND CONTINUOUS HINGES WITHOUT THE NEED FOR THRU-BOLTS.
12 GA. (2.6) CONTINUOUS HINGE CHANNEL

EXTRUDED AND TAPPED PER TEMPLATE
SCREW HOLES ARE EXTRUDED TO PROVIDE THREAD DEPTH
EQUAL TO 3/16" (4.8)
Door Top and Bottom Pivot Preparation "D" Bevel

Door Technical Data

April, 2002

"D" BEVEL CONTINUOUS CHANNEL
7 GA. (4.5) REINFORCEMENT

TOP PIVOT
SIZE AND TAP PER TEMPLATE

"D" BEVEL CONTINUOUS CHANNEL
7 GA. (4.5) REINFORCEMENT

BOTTOM PIVOT
SIZE AND TAP PER TEMPLATE
NOTE: CURRIES PIVOT LOCATIONS ARE EQUALLY SPACED.

“D” BEVEL CONTINUOUS CHANNEL

7 GA. (4.5) REINFORCEMENT PER PIVOT

SIZE AND TAP PER TEMPLATE

1-1/8” (34.9)

10” (254)
**Standard Door Clearances**

**Door Technical Data**

March, 2012

*NOTE: The 5/8" (15.9) standard bottom undercut shown on the above drawings are for 1-3/4" (44.5) doors, 1-3/8" (34.9) doors have a 3/4" (19.1) standard bottom undercut.

*NOTE: E code (double opening) doors are oversize 1/16" from standard for double egress.

Doors ordered for other than CURRIES locations will get the standard undercut of the specified manufacturer.
Doors ordered for other than CURRIES locations will get the standard undercut of the specified manufacturer.

2" DOOR

SINGLE

NOMINAL
HEIGHT

1/8" (3.2)

NET DOOR
HEIGHT

5/8" (15.9) STD. UNDERCUT

PAIR

FLOOR LINE

WITHOUT ASTRAGAL

3/32" (2.9)

3/16" (4.8)

3/32" (2.9)

NET DOOR WIDTH

NET DOOR WIDTH

NOMINAL OPENING WIDTH

WITH "Z" ASTRAGAL

3/32" (2.9)

1/8" (3.2)

3/32" (2.9)

NET DOOR WIDTH

NET DOOR WIDTH

NOMINAL OPENING WIDTH

2-3/16" (55.6)

1/8" (3.2)

2"

1/16" (1.6)

1/8" (3.2)

3/32" (2.4)

3/32" (2.9)

3/32" (2.9)

NET DOOR WIDTH

NET DOOR WIDTH

NOMINAL OPENING WIDTH

SINGLE

ASSA ABLOY, the global leader in door opening solutions
**SQUARE**

**HINGE**

**“A” BEVEL**

**LOCK**

1/8" IN 2" BEVEL

(3.2) IN (50.8)

**STANDARD DOOR BEVEL**

**SQUARE**

**HINGE**

**“B” BEVEL**

**LOCK**

DOOR BEVEL (NON-HANDED)

POCKET DOOR, TRANSOM PANEL,
SIDELITE PANEL

1/8" IN 2" BEVEL

(3.2) IN (50.8)

WITH 1/4" (6.4) RADIUS

LOW SIDE

REQUIRED WITH ALL OFFSET PIVOT HARDWARE

VERIFY ALL HARDWARE ADAPTABILITY

2-5/8" (66.8)

RADIUS OR

*HARDWARE WILL DETERMINE THE RADIUS

**HINGE**

**“E” BEVEL**

**LOCK**

BULL NOSE BOTH ENDS (“N” OR “T” EDGE ONLY)

REQUIRED WITH SOME DOUBLE ACTING HARDWARE

VERIFY ALL HARDWARE ADAPTABILITY

2-5/8" (66.8)

RADIUS

SHOULD MATCH HINGE EDGE

**SQUARE**

**HINGE**

**“F” BEVEL**

**LOCK**

BULL NOSE BOTH ENDS (“N” OR “T” EDGE ONLY)

REQUIRED WITH DOUBLE ACTING HARDWARE

VERIFY ALL HARDWARE ADAPTABILITY

**SPECIAL DOOR BEVEL**

(DOUBLE BEVEL)

1/8" IN 2" BEVEL

(3.2) IN (50.8)
847 - 857 - Security Door Bevels

**2" Door**

- **Recessed Hinge Edge**
  - Hinge: 1/8" IN 2" BEVEL (3.2) IN (50.8)
  - Lock: 1/8" IN 2" BEVEL (3.2) IN (50.8)
  - For Pocket Pivots

- **Optional Door Bevel**
  - Standard Door Bevel (Double Bevel)
    - Square
      - Hinge: "P" BEVEL
      - Lock: "P" BEVEL

- **Optional Door Bevel**
  - "Q" Bevel
    - Square
      - Hinge: "Q" BEVEL
      - Lock: "Q" BEVEL

- **Optional Door Bevel**
  - "A" Bevel
    - Square
      - Hinge: "A" BEVEL
      - Lock: "A" BEVEL

- **Optional Door Bevel**
  - "B" Bevel
    - Square
      - Hinge: "B" BEVEL
      - Lock: "B" BEVEL

- **Optional Door Bevel**
  - "D" Bevel
    - Required with all offset pivot hardware verify all hardware adaptability
      - Low Side
      - With 1/4" (6.4) Radius

ASSA ABLOY, the global leader in door opening solutions
Edge Seam Types "S" - "N" - "T"
Door Technical Data

Visible Edge Seam Types “S”

1. Skins are spot welded to hinge and lock channels
2. Spot welds are filled and ground smooth

Filled Flush Edge Seam Type “N”

1. Skins are spot welded to hinge and lock channels
2. Spot weld seams at stress points and between each “S” weld location
3. All welds and seams are filled and ground smooth

Flush Edge Seam Welded and Filled Type “T”

1. Skins are spot welded to hinge and lock channels
2. Continuously weld seam full height of edges
3. All welds and seams are filled and ground smooth
Standard Top/Bottom End Channels

**BOTTOM CHANNEL**
16 GA. (1.4)
DOOR SKIN

**TOP CHANNEL**
16 GA. (1.4)
DOOR SKIN

*NOTE* - CHANNEL GAUGE MAY VARY WITH DOOR SERIES

Pocket Door

"B" BEVEL BOTH EDGES SQUARE

NOMINAL DOOR WIDTH
LESS STANDARD, UNDER SIZE

EXAMPLE

2'11" (889)
3'0" (914.4)

**TOP OF DOOR**

NOMINAL 3'0" (914.4) POCKET DOOR AND FRAME HAS A NET 2'11" (889) FRAME OPENING.

12 GA. (2.6) STANDARD OR 7 GA. (4.5) REINFORCEMENT AVAILABLE INSTALLED FULL WIDTH OF DOOR TOP CAP.

VERIFY HARDWARE HANGER ADAPTABILITY TO REINFORCEMENT AND FRAME OPENING
Hollow Metal Panels - Transom/Side Areas 1-3/4"

Door Technical Data

September, 2010

Labeled

Transom Panels

Specify use of panel and list nominal frame opening for correct panel undersizing.

1-3/4"(44.5) Panel 707 or 747 - 18, 16, or 14 ga.

Transom Panel Installation Options:

1. Panel welded into frame
2. Panel installed with screws
3. Panel installed with glass stop
4. Panel installed with slip-in channel. See page 134 in the frame section (must note on both door and frame order)

Side Panels

Specify use of panel and list nominal frame opening for correct panel undersizing.

1-3/4"(44.5) Panel 707 or 747 - 18, 16, or 14 ga.

NOTE: See pages 81 and 82 in label section for oversize transom panel capabilities. Reference label section of tech data manual for maximum square inch size requirements and other fire label capabilities.
Hollow Metal Panels - Transom/Side Areas 1-3/4" and 1-3/8" Thick
Door Technical Data

September, 2010

Standard Top/Bottom End Channels

TRANSOM PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1-3/4" (44.5) PANEL 707 OR 747 - 20, 18, 16, OR 14 GA.
1-3/8" (34.9) PANEL 707 ONLY - 20, 18, 16, OR 14 GA.

TRANSOM PANEL INSTALLATION OPTIONS:

1. PANEL WELDED INTO FRAME
2. PANEL INSTALLED WITH SCREWS
3. PANEL INSTALLED WITH GLASS STOP
4. PANEL INSTALLED WITH SLIP-IN CHANNEL. SEE PAGE 134 IN THE FRAME SECTION (MUST NOTE ON BOTH DOOR AND FRAME ORDER)

SIDE PANELS AND DOOR PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1-3/4" (44.5) PANEL 707 OR 747 - 20, 18, 16, OR 14 GA.
1-3/8" (34.9) PANEL 707 ONLY - 20, 18, 16, OR 14 GA.

VERTICAL CHANNELS

“B” BEVEL BOTH EDGES SQUARE

HORIZONTAL CHANNELS

“B” BEVEL BOTH EDGES SQUARE
**TRANSOM PANELS**

Specify use of panel and list nominal frame opening for correct panel undersizing.

1/2” (12.7) panel mineral fibreboard core 20, 18, or 16 ga. face skins

**SIDE PANELS AND/OR DOOR PANELS**

Specify use of panel and list nominal frame opening for correct panel undersizing.

1/2” (12.7) panel mineral fibreboard core 20, 18, or 16 ga. face skins

**NOTE:** Reference label section of tech data manual for maximum square inch size capabilities for doors and frames.
**Composite Core Panels - Transom/Side Areas 3/8" to 1" Thick**

**Door Technical Data**

**January, 2011**

**NON-LABELLED**

**TRANSOM PANELS**

Specify use of panel and list nominal frame opening for correct panel undersizing.

- 1" (25.4) Panel Composite Core
- 7/8" (22.2) Panel Composite Core
- 3/4" (19.1) Panel Composite Core
- 5/8" (15.9) Panel Composite Core
- 1/2" (12.7) Panel Composite Core
- 3/8" (9.5) Panel Composite Core

20, 18, 16, and 14 ga. face skins

**TRANSOM PANEL INSTALLATION OPTIONS:**

1. Panel welded into frame
2. Panel installed with screws
3. Panel installed with glass stop

**SIDE PANELS AND/OR DOOR PANELS**

Specify use of panel and list nominal frame opening for correct panel undersizing.

- 1" (25.4) Panel Composite Core
- 7/8" (22.2) Panel Composite Core
- 3/4" (19.1) Panel Composite Core
- 5/8" (15.9) Panel Composite Core
- 1/2" (12.7) Panel Composite Core
- 3/8" (9.5) Panel Composite Core

20, 18, 16, and 14 ga. face skins
Steel Top/Bottom Filler Cap

STANDARD 20 GA. (.9) GALVANEALD

SCREW APPLIED
- COUNTERSINK #6–20 SELF TAPPING SCREW
- CAP NOTCHED AT BOTH ENDS TO FIT HINGE AND LOCK CHANNELS

WELDED (OPTIONAL)
- ARC WELDS
- INSTALL CAP, WELD, GRIND, FILLED (OPTIONAL)

AVAILABLE FOR 1-3/4" (44.5) AND 1-3/8" (34.9) DOORS.

FILL AND FINISH SMOOTH

END VIEW
- BOTTOM CAP
- TOP CAP

CAPS ARE RECESSED TO ALLOW FOR FILL AND FINISH
**INSTALLATION INSTRUCTIONS**


3) **THE TOP CAP IS DESIGNED TO BE FLUSH TO SLIGHTLY BELOW THE LEGS OF THE END CHANNEL.**
“S” EDGE ONLY
HINGE CHANNEL
PREPARATION

4-1/2” (114.3) NON-HANDED ULTIMA HINGE SHIM

MORTISE DOOR SKIN .230” (5.8) DEEP

NOTCH SKINS, DRILL AND TAP AS PER HINGE TEMPLATE
707 FLUSH DOOR ONLY

1/8” (3.2) FRAME OPENING

6’8” (2032) - 9-3/8” (238.1)
7’0” (2133.6) - 9-3/8” (238.1)
7’2” (2184.4) - 9-3/8” (238.1)

6’8” (2032) - 39-1/2” (1003.3)
7’0” (2133.6) - 41-1/2” (1054.1)
7’2” (2184.4) - 42-1/2” (1079.5)

6’8” (2032) - 69-5/8” (1768.5)
7’0” (2133.6) - 73-5/8” (1870)
7’2” (2184.4) - 75-5/8” (1920.9)

6’8” (2032) - 79-1/4” (2013)
7’0” (2133.6) - 83-1/4” (2114.6)
7’2” (2184.4) - 85-1/4” (2165.4)

6’8” (2032) - 39-1/4” (997)
7’0” (2133.6) - 43-1/4” (1098.6)
7’2” (2184.4) - 45-1/4” (1149.4)

20” (508) CLOSER REINF.

14 GA. (1.9) LOCK CHANNEL

LOCK REINF.

14 GA. (1.9) HINGE CHANNEL
WITH 12 GA. (2.6) BACKER
ON EACH OFFSET

FINISHED FLOOR

Q OF REINFORCEMENT

DOOR WIDTH CLEARANCE IS
1/8” (3.2) AT LOCK EDGE,
3/32” (2.4) AT HINGE EDGE.

Q, OF MORTISE LOCK MAY VARY
2-1/2” (63.5)

HINGE RAIL OFFSET IS 10” LONG AT EACH LOCATION
6’10”, 8’0”, 10’0” DOOR HEIGHTS AVAILABLE.

1/8” (3.2) AT LOCK EDGE,
3/32” (2.4) AT HINGE EDGE.
10" Blank Hinge Preparation
Door Technical Data
April, 2002

- Can be used for any SDI Member hinge location for the following door heights: 6'8", 7'0", 7'2", 8'0", 10'0".
- "A" and "B" bevel edges.
- Available on 707, E6, and 747 doors.
- Standard reinforcements, locks, or strikes for applicable door series.
- .230" deep offset; 4-1/2" Ultima hinge shim must be ordered separately for standard and heavyweight hinges.
- 3 and 4 hinge locations available.
- 12 or 14 ga. hinge channel available.

<table>
<thead>
<tr>
<th>DOOR HEIGHT</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E*</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'8&quot;</td>
<td>9-3/8&quot; (238)</td>
<td>30-1/8&quot; (765.2)</td>
<td>30-1/8&quot; (765.2)</td>
<td>9-5/8&quot; (244.5)</td>
<td>—</td>
</tr>
<tr>
<td>7'0&quot;</td>
<td>9-3/8&quot; (238)</td>
<td>32-1/8&quot; (816)</td>
<td>32-1/8&quot; (816)</td>
<td>9-5/8&quot; (244.5)</td>
<td>—</td>
</tr>
<tr>
<td>7'2&quot;</td>
<td>9-3/8&quot; (238)</td>
<td>33-1/8&quot; (841.4)</td>
<td>33-1/8&quot; (841.4)</td>
<td>9-5/8&quot; (244.5)</td>
<td>—</td>
</tr>
<tr>
<td>8'0&quot;</td>
<td>9-3/8&quot; (238)</td>
<td>25-1/4&quot; (641.4)</td>
<td>25-1/4&quot; (641.4)</td>
<td>25-1/4&quot; (641.4)</td>
<td>10-1/8&quot; (257.2)</td>
</tr>
<tr>
<td>10'0&quot;</td>
<td>9-3/8&quot; (238)</td>
<td>33-1/4&quot; (845)</td>
<td>33-1/4&quot; (845)</td>
<td>33-1/4&quot; (845)</td>
<td>10-1/8&quot; (257.2)</td>
</tr>
</tbody>
</table>

* Location of 4th hinge for 8'0" and 10'0" door
<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>6’8” (2032)</td>
<td>9-5/8” (244.5)</td>
<td>59-7/8” (1520.8)</td>
<td>9-5/8” (244.5)</td>
<td>39-9/16” (1004.9)</td>
</tr>
<tr>
<td>7’0” (2133.6)</td>
<td>9-5/8” (244.5)</td>
<td>63-7/8” (1622.4)</td>
<td>9-5/8” (244.5)</td>
<td>39-9/16” (1004.9)</td>
</tr>
<tr>
<td>7’2” (2184.4)</td>
<td>9-5/8” (244.5)</td>
<td>65-7/8” (1673.2)</td>
<td>9-5/8” (244.5)</td>
<td>39-9/16” (1004.9)</td>
</tr>
</tbody>
</table>

**Standard Locations For 1-3/8" Doors**

**Door Technical Data**

September, 2013

**1/8" (3.2) HEAD CLEARANCE**

**Note:** For doors under 60" tall we will center the lock for all manufacturers locations unless noted otherwise on the order.

**Dimensions:**
- **C**: Common on lock and strike (Example—Cylindrical lock)
- **Q**: Location remains the same
- **A**: Finished floor
- **B**: 3/4" (19.1) undercut standard

**Two Hinges**

**Hinge Backset 1/4" (6.4)**
## Standard Locations For 1-3/8" Doors

### Door Technical Data

September, 2013

### Table

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'8&quot; (2032)</td>
<td>9-5/8&quot; (244.5)</td>
<td>29-15/16&quot; (760.4)</td>
<td>9-5/8&quot; (244.5)</td>
<td>39-9/16&quot; (1004.9)</td>
</tr>
<tr>
<td>7'0&quot; (2133.6)</td>
<td>9-5/8&quot; (244.5)</td>
<td>31-15/16&quot; (811.2)</td>
<td>9-5/8&quot; (244.5)</td>
<td>39-9/16&quot; (1004.9)</td>
</tr>
<tr>
<td>7'2&quot; (2184.4)</td>
<td>9-5/8&quot; (244.5)</td>
<td>32-15/16&quot; (836.6)</td>
<td>9-5/8&quot; (244.5)</td>
<td>39-9/16&quot; (1004.9)</td>
</tr>
</tbody>
</table>

**Three Hinges**

Hinge Size May Vary - Q Location Remains The Same

* Dimension shown is for locks with a common Q on lock and strike. (Example–Cylindrical Lock)

1/8" (3.2) Head Clearance

Three Hinges

Hinge Backset 1/4" (6.4)

NOTE:

For doors under 60" tall we will center the lock for all manufacturers locations unless noted otherwise on the order.
### Standard Locations For 1-3/4" Doors

#### Door Technical Data

September, 2013

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'8&quot; (2032)</td>
<td>7-1/8&quot; (181)</td>
<td>30-1/4&quot; (768.4)</td>
<td>11-5/8&quot; (295.3)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>6'10&quot; (2082.8)</td>
<td>7-1/8&quot; (181)</td>
<td>31-1/4&quot; (793.8)</td>
<td>11-5/8&quot; (295.3)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>7'0&quot; (2133.6)</td>
<td>7-1/8&quot; (181)</td>
<td>32-1/4&quot; (819.2)</td>
<td>11-5/8&quot; (295.3)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>7'2&quot; (2184.4)</td>
<td>7-1/8&quot; (181)</td>
<td>33-1/4&quot; (844.6)</td>
<td>11-5/8&quot; (295.3)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>7'4&quot; (2235.2)</td>
<td>7-1/8&quot; (181)</td>
<td>34-1/4&quot; (870)</td>
<td>11-5/8&quot; (295.3)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>7'6&quot; (2286)</td>
<td>7-1/8&quot; (181)</td>
<td>35-1/4&quot; (895.4)</td>
<td>11-5/8&quot; (295.3)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>7'8&quot; (2336.8)</td>
<td>7-1/8&quot; (181)</td>
<td>36-1/4&quot; (920.8)</td>
<td>11-5/8&quot; (295.3)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>7'10&quot; (2387.6)</td>
<td>7-1/8&quot; (181)</td>
<td>37-1/4&quot; (946.2)</td>
<td>11-5/8&quot; (295.3)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>8'0&quot; (2438.4)</td>
<td>7-1/8&quot; (181)</td>
<td>38-1/4&quot; (971.6)</td>
<td>11-5/8&quot; (295.3)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>9'0&quot; (2743.2)</td>
<td>7-1/8&quot; (181)</td>
<td>44-1/4&quot; (1124)</td>
<td>11-5/8&quot; (295.3)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>10'0&quot; (3048)</td>
<td>7-1/8&quot; (181)</td>
<td>50-1/4&quot; (1276.4)</td>
<td>11-5/8&quot; (295.3)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
</tbody>
</table>

**DIMENSION SHOWN IS FOR LOCKS WITH A COMMON Q, ON LOCK AND STRIKE. (EXAMPLE—CYLINDRICAL LOCK)**

1/8" (3.2) HEAD CLEARANCE

**NOTE:** FOR DOORS UNDER 60" TALL WE WILL CENTER THE LOCK FOR ALL MANUFACTURERS LOCATIONS UNLESS NOTED OTHERWISE ON THE ORDER.
## Standard Locations For 1-3/4" Doors

### Door Technical Data

**September, 2013**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'8&quot; (2032)</td>
<td>7-1/8&quot; (181)</td>
<td>20-1/8&quot; (511.2)</td>
<td>11-3/4&quot; (298.5)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>6'10&quot; (2082.8)</td>
<td>7-1/8&quot; (181)</td>
<td>20-7/8&quot; (530.2)</td>
<td>11-1/2&quot; (292.1)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>7'0&quot; (2133.6)</td>
<td>7-1/8&quot; (181)</td>
<td>21-1/2&quot; (546.1)</td>
<td>11-5/8&quot; (295.3)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>7'2&quot; (2184.4)</td>
<td>7-1/8&quot; (181)</td>
<td>22-1/8&quot; (562)</td>
<td>11-3/4&quot; (298.5)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>7'4&quot; (2235.2)</td>
<td>7-1/8&quot; (181)</td>
<td>22-7/8&quot; (581)</td>
<td>11-1/2&quot; (292.1)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>7'6&quot; (2286)</td>
<td>7-1/8&quot; (181)</td>
<td>23-1/2&quot; (597)</td>
<td>11-5/8&quot; (295.3)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>7'8&quot; (2336.8)</td>
<td>7-1/8&quot; (181)</td>
<td>24-1/8&quot; (612.8)</td>
<td>11-3/4&quot; (298.5)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>7'10&quot; (2387.6)</td>
<td>7-1/8&quot; (181)</td>
<td>24-7/8&quot; (631.8)</td>
<td>11-1/2&quot; (292.1)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>8'0&quot; (2438.4)</td>
<td>7-1/8&quot; (181)</td>
<td>25-1/2&quot; (647.7)</td>
<td>11-5/8&quot; (295.3)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>8'1&quot; (2489.2)</td>
<td>7-1/8&quot; (181)</td>
<td>25-7/8&quot; (664.2)</td>
<td>11-1-1/2&quot; (297.7)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>9'0&quot; (2743.2)</td>
<td>7-1/8&quot; (181)</td>
<td>29-1/2&quot; (749.3)</td>
<td>11-5/8&quot; (295.3)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
<tr>
<td>10'0&quot; (3048)</td>
<td>7-1/8&quot; (181)</td>
<td>33-1/2&quot; (850.9)</td>
<td>11-5/8&quot; (295.3)</td>
<td>39-3/8&quot; (1000.1)</td>
</tr>
</tbody>
</table>

**NOTE:**

- For doors under 60" tall we will center the lock for all manufacturers locations unless noted otherwise on the order.
- 5/8" (15.9) undercut standard
- Hinge backset 1/4" (6.4)

---

**DIMENSION SHOWN IS FOR LOCKS WITH A COMMON Q LOCATION REMAINS THE SAME**

**HEAD CLEARANCE**

- 1/8" (3.2)

**FOUR HINGES**

- Hinge size may vary - location remains the same

---

**ASSA ABLOY, the global leader in door opening solutions**
### Standard Locations For 1-3/4" Dutch Doors

**ASSA ABLOY**, the global leader in door opening solutions

**Door Technical Data**

**November, 2004**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'8&quot; (2032)</td>
<td>7-1/8&quot; (181)</td>
<td>24-1/4&quot; (616)</td>
<td>6-5/16&quot; (160.3)</td>
<td>7&quot; (177.8)</td>
<td>22-3/4&quot; (577.9)</td>
<td>11-5/8&quot; (295.3)</td>
</tr>
<tr>
<td>6'10&quot; (2082.8)</td>
<td>7-1/8&quot; (181)</td>
<td>26-1/4&quot; (666.8)</td>
<td>6-5/16&quot; (160.3)</td>
<td>7&quot; (177.8)</td>
<td>22-3/4&quot; (577.9)</td>
<td>11-5/8&quot; (295.3)</td>
</tr>
<tr>
<td>7'0&quot; (2133.6)</td>
<td>7-1/8&quot; (181)</td>
<td>28-1/4&quot; (717.6)</td>
<td>6-5/16&quot; (160.3)</td>
<td>7&quot; (177.8)</td>
<td>22-3/4&quot; (577.9)</td>
<td>11-5/8&quot; (295.3)</td>
</tr>
<tr>
<td>7'2&quot; (2184.4)</td>
<td>7-1/8&quot; (181)</td>
<td>30-1/4&quot; (768.4)</td>
<td>6-5/16&quot; (160.3)</td>
<td>7&quot; (177.8)</td>
<td>22-3/4&quot; (577.9)</td>
<td>11-5/8&quot; (295.3)</td>
</tr>
<tr>
<td>7'4&quot; (2235.2)</td>
<td>7-1/8&quot; (181)</td>
<td>29-1/4&quot; (743)</td>
<td>9-5/16&quot; (236.5)</td>
<td>7&quot; (177.8)</td>
<td>22-3/4&quot; (577.9)</td>
<td>11-5/8&quot; (295.3)</td>
</tr>
<tr>
<td>7'6&quot; (2286)</td>
<td>7-1/8&quot; (181)</td>
<td>31-1/4&quot; (793.8)</td>
<td>9-5/16&quot; (236.5)</td>
<td>7&quot; (177.8)</td>
<td>22-3/4&quot; (577.9)</td>
<td>11-5/8&quot; (295.3)</td>
</tr>
<tr>
<td>7'8&quot; (2336.8)</td>
<td>7-1/8&quot; (181)</td>
<td>33-1/4&quot; (844.6)</td>
<td>9-5/16&quot; (236.5)</td>
<td>7&quot; (177.8)</td>
<td>22-3/4&quot; (577.9)</td>
<td>11-5/8&quot; (295.3)</td>
</tr>
<tr>
<td>7'10&quot; (2387.6)</td>
<td>7-1/8&quot; (181)</td>
<td>35-1/4&quot; (895.4)</td>
<td>9-5/16&quot; (236.5)</td>
<td>7&quot; (177.8)</td>
<td>22-3/4&quot; (577.9)</td>
<td>11-5/8&quot; (295.3)</td>
</tr>
<tr>
<td>8'0&quot; (2438.4)</td>
<td>7-1/8&quot; (181)</td>
<td>37-1/4&quot; (946.2)</td>
<td>9-5/16&quot; (236.5)</td>
<td>7&quot; (177.8)</td>
<td>22-3/4&quot; (577.9)</td>
<td>11-5/8&quot; (295.3)</td>
</tr>
</tbody>
</table>

**DIMENSION SHOWN IS FOR LOCKS WITH A COMMON Q LOCATION ON LOCK AND STRIKE.** *(EXAMPLE–CYLINDRICAL LOCK)*

**HINGE SIZE MAY VARY - Q LOCATION REMAINS THE SAME**

1/8" (3.2) HEAD CLEARANCE

3/16" (4.8) SHELF HEIGHT IS 42" (1066.8) STANDARD

5/8" (15.9) UNDERCUT STANDARD

*PLEASE INDICATE WHEN ADA COMPLIANCE IS REQUIRED.*

*FINISHED FLOOR*

49-3/8" (1254.1)*

34-3/8" (873.1)

**ASSA ABLOY**, the global leader in door opening solutions
NOTE: 747 FLUSH DUTCH DOORS ARE LABEL LISTED! *
FOR LABEL REQUIREMENTS THE TOP LEAF MUST EITHER
LATCH INTO THE BOTTOM LEAF OR INTO THE FRAME.

DUTCH DOOR MAY BE MODIFIED AND LABELED AT
AN APPROVED SECOND LOCATION
MANUFACTURERS FACILITY.

FLAT SURFACE APPLIED ASTRAGAL
(OPTIONAL)
APPLIED TO BOTTOM OF TOP LEAF

NOTCHED FOR E2 STRIKE
LIP IF REQUIRED

ASTRAGAL MAY BE EITHER WELDED OR
SCREW APPLIED

DUTCH HALF SHELF AVAILABLE WITH
E2 STRIKE PREP PUNCHED IN SHELF

OPTIONAL: (SHIP LOOSE)
E2 STRIKE PREP IN HALF DUTCH DOOR SHELF
(DUTCH DOOR SHELF IS LABEL LISTED)
(STRIKE IN DOOR SHELF IS NOT ALLOWED ON LABEL DUTCH DOOR)

3'6" (1067) X 7'2" (2184.4) 15 MAX. LABEL SIZES FOR 747, 18 OR 16 GAUGE.
** PLEASE INDICATE WHEN ADA COMPLIANCE IS REQUIRED. 48" Q. IS NOT PRACTICAL WITH SOME DEADLOCKS.
CUSTOMER TO CUT OR GRIND BEVEL ON END OF SHELF AS REQUIRED TO MATCH DOOR BEVEL AT INSTALLATION

**TOP VIEW**

16 GA. (1.4) STANDARD

8" (203.2)

1" (25.4)

1-3/4" (44.5)

**NOTE:** DOORS 3'4" (1016) AND WIDER
ADD A THIRD BRACKET LOCATED MIDWAY BETWEEN TWO SHOWN

**BOTTOM VIEW**

16 GA. (1.4) STANDARD

3/4" (19.1)

10" (254)

4" (101.6)

1-1/2" (38.1)
CUSTOMER TO CUT OR GRIND BEVEL ON END OF SHELF AS REQUIRED TO MATCH DOOR BEVEL AT INSTALLATION

NET DOOR WIDTH
8" (203.2)

4" (101.6)

1-3/4" (445)

16 GA. (1.4) STANDARD

CORNERS WELDED AND GROUND SMOOTH

TOP VIEW

1-1/2" (38.1)

10" (254)

1-3/4" (44.5)

16 GA. (1.4) STANDARD

BOTTOM VIEW
FIELD NOTCH FOR MONORAIL

SURFACE MOUNTED 1/4" (6.4) NEOPRENE CLOSING SHEETS

12 GA. (2.6) X 1-1/2" (38.1) ASTRAGAL PLATES

NEOPRENE SHEETS AND ASTRAGAL PLATES ATTACHED TO DOOR
WITH SCREWS IN A STAGGERED PATTERN.
NOTE: SDI NOMENCLATURE SYMBOLS APPEAR UNDER CURRIES SYMBOLS WHERE APPLICABLE
* SEE EMBOSSED DOOR SECTION FOR MORE FACE TYPE DETAILS.
NOTE: SDI NOMENCLATURE SYMBOLS APPEAR UNDER CURRIES SYMBOLS WHERE APPLICABLE
NOTE: SDI NOMENCLATURE SYMBOLS APPEAR UNDER CURRIES SYMBOLS WHERE APPLICABLE
NOTE: SDI NOMENCLATURE SYMBOLS APPEAR UNDER CURRIES SYMBOLS WHERE APPLICABLE
Type 1 & 2 Window Moulding

**Glass Sizes (Visible) and Lite Locations FV, FRB**

**Door Technical Data**

May, 2010

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>FV</td>
<td>10&quot; (254) X 10&quot; (254)</td>
</tr>
<tr>
<td>FV1</td>
<td>12&quot; (304.8) X 12&quot; (304.8)</td>
</tr>
<tr>
<td>FRV</td>
<td>12&quot; (304.8) DIA. CUTOUT VISIBLE = 10&quot;</td>
</tr>
<tr>
<td>FRV1</td>
<td>18&quot; (457.2) DIA. CUTOUT VISIBLE = 16&quot;</td>
</tr>
<tr>
<td>FRV2</td>
<td>24&quot; (609.6) DIA. CUTOUT VISIBLE = 22&quot;</td>
</tr>
</tbody>
</table>
Type 1 & 2 Window Moulding

STANDARD LOCATIONS FOR DOORS 7’2” (2184.4) AND UNDER

STANDARD LOCATIONS FOR DOORS OVER 7’2” (2184.4)

*NOTE LIMITATIONS OF LABEL IF L TO BE USED

FINISHED FLOOR
Type 1 & 2 Window Moulding

FNV4

FINISHED FLOOR

FNV5

STANDARD LOCATIONS FOR
DOORS 7'2" (2184.4) AND UNDER

FNV6

FINISHED FLOOR

VARIES
Type 1 & 2 Window Moulding

**FNV7**
- 6” (152.4)
- 7-3/4” (196.9)
- 24” (609.6)
- VARIES
- FINISHED FLOOR

**FNV8**
- 6” (152.4)
- 7-3/4” (196.9)
- 30” (762)
- VARIES
- FINISHED FLOOR

**FNV9**
- 6” (152.4)
- 7-3/4” (196.9)
- 25” (635)
- 4” (101.6)
- VARIES
- FINISHED FLOOR

**STANDARD LOCATIONS FOR DOORS 7’2” (2184.4) AND UNDER**
Type 1 & 2 Window Moulding

STANDARD LOCATIONS FOR DOORS 7’2” (2184.4) AND UNDER

STANDARD LOCATIONS FOR DOORS OVER 7’2” (2184.4)

* NOTE LIMITATIONS OF LABEL IF TO BE USED

FINISHED FLOOR
**Type 1 & 2 Window Moulding**

* 2FNV4

- 6" (152.4)
- 3" (76.2)
- 33" (838.2)
- 7-3/4" (196.9)

* 2FNV5

- 6" (152.4)
- 4" (101.6)
- 24" (609.6)
- 7-3/4" (196.9)

* 2FNV6

- 6" (152.4)
- 5" (127)
- 20" (508)

**STANDARD LOCATIONS FOR DOORS 7'2" (2184.4) AND UNDER**

* MINIMUM 6" (152.4) STILES TO BE LABEL APPROVED
Type 1 & 2 Window Moulding

* 2FNV4

* 2FNV5

* 2FNV6

* MINIMUM 6" (152.4) STILES TO BE LABEL APPROVED

STANDARD LOCATIONS FOR DOORS OVER 7'2"
## Glass Sizes (Visible) and Lite Locations HG, HG2

### Door Technical Data

**May, 2010**

### Glass Sizes (Visible) and Lite Locations

<table>
<thead>
<tr>
<th>HG</th>
<th>HG2</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Diagram" /></td>
<td><img src="image" alt="Diagram" /></td>
</tr>
</tbody>
</table>

**Type 1 & 2 Window Moulding**

### Door Width | Visible Width | Door Height | Visible Height
---|---|---|---
2'0" (609.6) | 11-13/16" (300) | | |
2'4" (711.2) | 15-13/16" (401.6) | | |
2'6" (762) | 17-13/16" (452.4) | 6'8" (2032) | 28" (711.2)
2'8" (812.8) | 19-13/16" (503.2) | | |
2'10" (863.6) | 21-13/16" (554) | | |
3'0" (914.4) | 23-13/16" (604.8) | 7'0" (2133.6) | 32" (812.8)
3'4" (1016) | 27-13/16" (706.4) | | |
3'6" (1066.8) | 29-13/16" (757.2) | | |
3'8" (1117.6) | 31-13/16" (808) | 7'2" (2184.4) | 34" (863.6)
3'10" (1168.4) | 33-13/16" (858.8) | | |
4'0" (1219.2) | 35-13/16" (909.6) | | |

**Notes:**

- **FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).**
**Type 1 & 2 Window Moulding**

**HG3**

**HG4**

**Table: Glass Sizes (Visible) and Lite Locations HG2, HG4**

<table>
<thead>
<tr>
<th>Door Width</th>
<th>Visible Width</th>
<th>Door Height</th>
<th>Visible Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'0&quot; (609.6)</td>
<td>11-13/16&quot; (300)</td>
<td>6-3/4&quot; (171.4)</td>
<td>21-1/8&quot; (536)</td>
</tr>
<tr>
<td>2'4&quot; (711.2)</td>
<td>15-13/16&quot; (401.6)</td>
<td>8-3/4&quot; (222.3)</td>
<td>33-13/16&quot; (858.8)</td>
</tr>
<tr>
<td>2'6&quot; (762)</td>
<td>17-13/16&quot; (452.4)</td>
<td>10-5/64&quot; (256)</td>
<td>45-13/16&quot; (1155.9)</td>
</tr>
<tr>
<td>2'8&quot; (812.8)</td>
<td>19-13/16&quot; (503.2)</td>
<td>12-1/8&quot; (307.9)</td>
<td>57-1/8&quot; (1449.5)</td>
</tr>
<tr>
<td>2'10&quot; (863.6)</td>
<td>21-13/16&quot; (554)</td>
<td>14-1/8&quot; (362.9)</td>
<td>69-1/8&quot; (1753.6)</td>
</tr>
<tr>
<td>3'0&quot; (914.4)</td>
<td>23-13/16&quot; (604.8)</td>
<td>16-1/8&quot; (412.9)</td>
<td>81-1/8&quot; (2058)</td>
</tr>
<tr>
<td>3'4&quot; (1016)</td>
<td>27-13/16&quot; (706.4)</td>
<td>18-1/8&quot; (460.3)</td>
<td>93-1/8&quot; (2363)</td>
</tr>
<tr>
<td>3'6&quot; (1066.8)</td>
<td>29-13/16&quot; (757.2)</td>
<td>20-1/8&quot; (510.3)</td>
<td>105-1/8&quot; (2667.6)</td>
</tr>
<tr>
<td>3'8&quot; (1117.6)</td>
<td>31-13/16&quot; (808)</td>
<td>22-1/8&quot; (560.3)</td>
<td>117-1/8&quot; (2971.6)</td>
</tr>
<tr>
<td>3'10&quot; (1168.4)</td>
<td>33-13/16&quot; (858.8)</td>
<td>24-1/8&quot; (609.9)</td>
<td>129-1/8&quot; (3275.6)</td>
</tr>
<tr>
<td>4'0&quot; (1219.2)</td>
<td>35-13/16&quot; (909.6)</td>
<td>26-1/8&quot; (668.4)</td>
<td>141-1/8&quot; (3580.8)</td>
</tr>
</tbody>
</table>

**NOTE:** For doors over 7'2" (2184.4) up to and including 8'0" (2438.4) stile and rail dimensions shown are maintained. Over 8'0" (2438.4) a maximum 44" (1117.6) visible height is available on HG type doors. Over 44" (1117.6) visible height is considered a FG door. Always indicate location of light on door face when ordering doors over 8'0" (2438.4).
**Type 1 & 2 Window Moulding**

### HG6

<table>
<thead>
<tr>
<th>DOOR WIDTH</th>
<th>VISIBLE WIDTH</th>
<th>DOOR HEIGHT</th>
<th>VISIBLE HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'0&quot; (609.6)</td>
<td>5-15/32&quot; (138.9)</td>
<td>9-5/16&quot; (242.9)</td>
<td>8-1/2&quot; (215.9)</td>
</tr>
<tr>
<td>2'4&quot; (711.2)</td>
<td>7-15/32&quot; (187.9)</td>
<td>10-3/16&quot; (253.1)</td>
<td>10-5/8&quot; (268.3)</td>
</tr>
<tr>
<td>2'6&quot; (782)</td>
<td>8-15/32&quot; (215.1)</td>
<td>11-5/16&quot; (288.9)</td>
<td>14-1/4&quot; (363.2)</td>
</tr>
<tr>
<td>2'8&quot; (843.8)</td>
<td>9-5/16&quot; (242.9)</td>
<td>11-15/32&quot; (293.8)</td>
<td>15-15/32&quot; (394.4)</td>
</tr>
<tr>
<td>2'10&quot; (863.6)</td>
<td>10-5/16&quot; (269.9)</td>
<td>13-5/8&quot; (346.9)</td>
<td>17-15/32&quot; (444.4)</td>
</tr>
<tr>
<td>3'0&quot; (914.4)</td>
<td>11-15/32&quot; (293.8)</td>
<td>15-5/8&quot; (396.9)</td>
<td>19-15/32&quot; (499.4)</td>
</tr>
<tr>
<td>3'4&quot; (1016)</td>
<td>13-5/8&quot; (346.9)</td>
<td>17-5/8&quot; (455.7)</td>
<td>21-15/32&quot; (552.4)</td>
</tr>
<tr>
<td>3'6&quot; (1066.8)</td>
<td>15-5/8&quot; (396.9)</td>
<td>19-5/8&quot; (499.9)</td>
<td>23-15/32&quot; (596.4)</td>
</tr>
<tr>
<td>3'8&quot; (1117.6)</td>
<td>17-5/8&quot; (455.7)</td>
<td>21-5/8&quot; (553.4)</td>
<td>25-15/32&quot; (640.4)</td>
</tr>
<tr>
<td>3'10&quot; (1168.4)</td>
<td>19-5/8&quot; (499.9)</td>
<td>23-5/8&quot; (595.4)</td>
<td>27-15/32&quot; (688.4)</td>
</tr>
<tr>
<td>4'0&quot; (1219.2)</td>
<td>21-5/8&quot; (553.4)</td>
<td>25-5/8&quot; (645.4)</td>
<td>29-15/32&quot; (732.4)</td>
</tr>
</tbody>
</table>

### HG9

<table>
<thead>
<tr>
<th>DOOR WIDTH</th>
<th>VISIBLE WIDTH</th>
<th>DOOR HEIGHT</th>
<th>VISIBLE HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'0&quot; (609.6)</td>
<td>3-5/16&quot; (84.1)</td>
<td>6-1/2&quot; (162.2)</td>
<td>8-3/4&quot; (222.3)</td>
</tr>
<tr>
<td>2'4&quot; (711.2)</td>
<td>4-5/8&quot; (117.5)</td>
<td>7-1/2&quot; (190.5)</td>
<td>10&quot; (254.0)</td>
</tr>
<tr>
<td>2'6&quot; (782)</td>
<td>5-5/16&quot; (134.9)</td>
<td>8-1/2&quot; (215.9)</td>
<td>12-1/2&quot; (317.5)</td>
</tr>
<tr>
<td>2'8&quot; (843.8)</td>
<td>6&quot; (152.4)</td>
<td>9-1/2&quot; (236.2)</td>
<td>14-1/2&quot; (362.8)</td>
</tr>
<tr>
<td>2'10&quot; (863.6)</td>
<td>6-5/8&quot; (168.3)</td>
<td>10-1/2&quot; (259.1)</td>
<td>16-1/2&quot; (412.2)</td>
</tr>
<tr>
<td>3'0&quot; (914.4)</td>
<td>7-1/2&quot; (190.5)</td>
<td>11-1/2&quot; (289.6)</td>
<td>18-1/2&quot; (470.6)</td>
</tr>
<tr>
<td>3'4&quot; (1016)</td>
<td>8-1/2&quot; (215.9)</td>
<td>12-1/2&quot; (317.5)</td>
<td>20-1/2&quot; (517.5)</td>
</tr>
<tr>
<td>3'6&quot; (1066.8)</td>
<td>9-1/2&quot; (236.2)</td>
<td>13-1/2&quot; (344.5)</td>
<td>22-1/2&quot; (571.5)</td>
</tr>
<tr>
<td>3'8&quot; (1117.6)</td>
<td>10-1/2&quot; (259.1)</td>
<td>14-1/2&quot; (373.0)</td>
<td>24-1/2&quot; (616.0)</td>
</tr>
<tr>
<td>3'10&quot; (1168.4)</td>
<td>11-1/2&quot; (292.1)</td>
<td>15-1/2&quot; (393.2)</td>
<td>26-1/2&quot; (670.5)</td>
</tr>
<tr>
<td>4'0&quot; (1219.2)</td>
<td>12-1/2&quot; (317.5)</td>
<td>16-1/2&quot; (412.2)</td>
<td>28-1/2&quot; (717.0)</td>
</tr>
</tbody>
</table>

**NOTE:** For doors over 7'2" (2184.4) up to and including 8'0" (2438.4) stile and rail dimensions shown are maintained. Over 8'0" (2438.4) a maximum 44" (1117.6) visible height is available on HG type doors. Over 44" (1117.6) visible height is considered a FG door. Always indicate location of light on door face when ordering doors over 8'0" (2438.4).
Glass Sizes (Visible) and Lite Locations FG, FGL

Door Technical Data

May, 2010

Type 1 & 2 Window Moulding

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).
Glass Sizes (Visible) and Lite Locations FG2, FG3, FG4

Door Technical Data

May, 2010

Type 1 & 2 Window Moulding

FG2

FG3

FG4

FINISHED FLOOR

* NOTE: A minimum 6" stile and 6" rail is required for fire label listed door)

<table>
<thead>
<tr>
<th>DOOR WIDTH</th>
<th>VISIBLE WIDTH</th>
<th>DOOR HEIGHT</th>
<th>VISIBLE HEIGHT</th>
<th>DOOR HEIGHT</th>
<th>VISIBLE HEIGHT</th>
<th>DOOR HEIGHT</th>
<th>VISIBLE HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'0&quot; (609.6)</td>
<td>11-13/16&quot; (330)</td>
<td>6'8&quot; (2032)</td>
<td>27-1/16&quot; (687.4)</td>
<td>16-1/16&quot; (408)</td>
<td>6'8&quot; (2032)</td>
<td>10-9/16&quot; (268.3)</td>
<td></td>
</tr>
<tr>
<td>2'4&quot; (711.2)</td>
<td>15-13/16&quot; (401.6)</td>
<td>21-13/16&quot; (554)</td>
<td>410.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2'6&quot; (762)</td>
<td>17-13/16&quot; (452.4)</td>
<td>6'8&quot; (2032)</td>
<td>27-1/16&quot; (687.4)</td>
<td>16-1/16&quot; (408)</td>
<td>6'8&quot; (2032)</td>
<td>10-9/16&quot; (268.3)</td>
<td></td>
</tr>
<tr>
<td>2'8&quot; (812.8)</td>
<td>19-13/16&quot; (503.2)</td>
<td>7'0&quot; (2133.6)</td>
<td>29-1/16&quot; (738.2)</td>
<td>17-3/8&quot; (441.3)</td>
<td>7'0&quot; (2133.6)</td>
<td>11-9/16&quot; (293.7)</td>
<td></td>
</tr>
<tr>
<td>2'10&quot; (863.6)</td>
<td>21-13/16&quot; (554)</td>
<td>7'2&quot; (2184.4)</td>
<td>30-1/16&quot; (763.6)</td>
<td>18-1/16&quot; (458.8)</td>
<td>7'2&quot; (2184.4)</td>
<td>12-1/16&quot; (306.4)</td>
<td></td>
</tr>
<tr>
<td>3'0&quot; (914.4)</td>
<td>23-13/16&quot; (604.8)</td>
<td>7'2&quot; (2184.4)</td>
<td>30-1/16&quot; (763.6)</td>
<td>18-1/16&quot; (458.8)</td>
<td>7'2&quot; (2184.4)</td>
<td>12-1/16&quot; (306.4)</td>
<td></td>
</tr>
<tr>
<td>3'4&quot; (1016)</td>
<td>27-13/16&quot; (706.4)</td>
<td>7'0&quot; (2133.6)</td>
<td>29-1/16&quot; (738.2)</td>
<td>17-3/8&quot; (441.3)</td>
<td>7'0&quot; (2133.6)</td>
<td>11-9/16&quot; (293.7)</td>
<td></td>
</tr>
<tr>
<td>3'6&quot; (1066.8)</td>
<td>29-13/16&quot; (757.2)</td>
<td>7'2&quot; (2184.4)</td>
<td>30-1/16&quot; (763.6)</td>
<td>18-1/16&quot; (458.8)</td>
<td>7'2&quot; (2184.4)</td>
<td>12-1/16&quot; (306.4)</td>
<td></td>
</tr>
<tr>
<td>3'8&quot; (1117.6)</td>
<td>31-13/16&quot; (808)</td>
<td>7'2&quot; (2184.4)</td>
<td>30-1/16&quot; (763.6)</td>
<td>18-1/16&quot; (458.8)</td>
<td>7'2&quot; (2184.4)</td>
<td>12-1/16&quot; (306.4)</td>
<td></td>
</tr>
<tr>
<td>3'10&quot; (1168.4)</td>
<td>33-13/16&quot; (858.8)</td>
<td>7'2&quot; (2184.4)</td>
<td>30-1/16&quot; (763.6)</td>
<td>18-1/16&quot; (458.8)</td>
<td>7'2&quot; (2184.4)</td>
<td>12-1/16&quot; (306.4)</td>
<td></td>
</tr>
<tr>
<td>4'0&quot; (1219.2)</td>
<td>35-13/16&quot; (909.6)</td>
<td>7'2&quot; (2184.4)</td>
<td>30-1/16&quot; (763.6)</td>
<td>18-1/16&quot; (458.8)</td>
<td>7'2&quot; (2184.4)</td>
<td>12-1/16&quot; (306.4)</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).
Type 1 & 2 Window Moulding

**FVL**
- FV = FULL VISION STANDARDS
- L = LOUVER STANDARDS

**FNVL**
- FNV = FULL NARROW VISION STANDARDS
- L = LOUVER STANDARDS

**EXAMPLE:**
- 12" X 12" (305 X 305) FULL VISION LITE
- 18" X 12" (457 X 305) LOUVER

**EXAMPLE:**
- 6" X 36" (152 X 914) NARROW VISION LITE
- 18" X 12" (457 X 305) LOUVER

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS
**Type 1 & 2 Window Moulding**

HGL

HG = HALF GLASS STANDARDS

L = LOUVER STANDARDS

**EXAMPLE:**

WINDOW PANE-HALF GLASS

18" X 12" (457 X 305) LOUVER

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS
Glass Sizes (Visible) and Lite Locations F2NV, 3FNV
Door Technical Data

May, 2010

Type 1 & 2 Window Moulding

- **F2NV**
  - 6" (152.4)
  - 7-3/4" (196.9)
  - 16" (406.4)
  - 6" (152.4)
  - 6" (152.4)

- **3FNV**
  - 6" (152.4)
  - 7-3/4" (196.9)
  - 16" (406.4)

Door width for 3FNV must be at least 3'6" (1066.8) wide!

* NOTE: Minimum 6" stiles to be fire label listed.

Face Type Locations FD, FDFV

- **FD**
  - 42" (1066.8)
  - FINISHED FLOOR

- **FDFV**
  - 10" (254) X 10" (254)
  - 65" (1651)
  - 42" (1066.8)
  - FINISHED FLOOR

**NOTE:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDFV</td>
<td>10&quot; (254) X 10&quot; (254)</td>
</tr>
<tr>
<td>FDFV1</td>
<td>12&quot; (304.8) X 12&quot; (304.8)</td>
</tr>
</tbody>
</table>
Type 1 & 2 Window Moulding

FDFNV
- **FD** = FLUSH DUTCH
- **FNV** = FULL NARROW VISION STANDARDS

FDHG
- **FD** = FLUSH DUTCH
- **HG** = HALF GLASS STANDARDS

EXAMPLE: FDFNV1
- 6" X 36" (152 X 914) NARROW VISION LITE

EXAMPLE: FDHG
- (3) WINDOW PANE-HALF GLASS
Type 1 & 2 Window Moulding

**FDL**
- **FD** = FLUSH DUTCH
- **L** = LOUVER STANDARDS

**FDVL**
- **FD** = FLUSH DUTCH
- **FV** = FULL VISION STANDARDS
- **L** = LOUVER STANDARDS

**EXAMPLE:**
- FDL3
  - FLUSH DUTCH
  - 20" X 12" (508 X 305) LOUVER

**EXAMPLE:**
- FDFVL13
  - FLUSH DUTCH
  - 12" X 12" (305 X 305) FULL VISION LITE
  - 20" X 12" (508 X 305) LOUVER

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS
Type 1 & 2 Window Moulding

FDHGL
FD = FLUSH DUTCH
HG = HALF GLASS STANDARDS
L = LOUVER STANDARDS

EXAMPLE:
FLUSH DUTCH
(3) WINDOW PANE-HALF GLASS
18" X 12" (457 X 305) LOUVER

FDFNVL
FD = FLUSH DUTCH
FNV = FULL NARROW VISION STANDARDS
L = LOUVER STANDARDS

EXAMPLE:
FLUSH DUTCH
6" X 36" (152 X 914) NARROW VISION LITE
18" X 12" (457 X 305) LOUVER

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS
Type 1 & 2 Window Moulding

18 GA. (1.2) GALV. STEEL VISION LITE FRAME

1/4" (6.3) GLASS 3/8" (9.5) POCKET ONLY

NOTE: ORDER GLASS SIZE 1" LARGER THAN VISIBLE GLASS DIMENSION

ASSA ABLOY, the global leader in door opening solutions
Type 1 & 2 Window Moulding

- Door Cut-out: 1-3/4" larger than visible
- 1/2" (glass size 1" larger than visible)
- 7/8" (33.3)
- 7/16" (22.2)
- 1/2" (12.7)
- 7/16" (11)
- 1-5/16" (33.3)
**Louver Sizes and Locations FL, F2L, F3L, F4L**

**Door Technical Data**

April, 2002

<table>
<thead>
<tr>
<th>FL</th>
<th>F2L</th>
<th>F3L</th>
<th>F4L</th>
<th>12&quot; (304.8) X 12&quot; (304.8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FL2</td>
<td>F2L2</td>
<td>F3L2</td>
<td>F4L2</td>
<td>18&quot; (457.2) X 12&quot; (304.8)</td>
</tr>
<tr>
<td>FL3</td>
<td>F2L3</td>
<td>F3L3</td>
<td>F4L3</td>
<td>20&quot; (508) X 12&quot; (304.8)</td>
</tr>
<tr>
<td>FL4</td>
<td>F2L4</td>
<td>F3L4</td>
<td>F4L4</td>
<td>24&quot; (609.6) X 12&quot; (304.8)</td>
</tr>
</tbody>
</table>
Louver Cutout Reinforcing (Optional)

LOUVERS ARE SIZED TO FIT STANDARD OPENING DIMENSION
EXAMPLE: A 12" (304.8) X 12" (304.8) LOUVER REQUIRES A 12" (304.8) X 12" (304.8) CUTOUT IN DOOR

CUTOUT SIZE = LOUVER SIZE

MUST BE LABEL APPROVED LOUVER CUTOUT SIZE

NOTE: LOUVER CUTOUT REINFORCING IS NOT PROVIDED AS STANDARD BUT MAY BE FURNISHED ON REQUEST.

REINFORCING IS REQUIRED ON FIRE LABELED DOORS AND IS PROVIDED AS STANDARD.
Face Type Locations FP, F2P

Door Technical Data

April, 2002

Transfer Core Type Louver Moulding
Type 1 & 2 Window Moulding

**FMS**
- **FMS** = FLUSH MAIL SLOT

**HGMS**
- **HG** = HALF GLASS STANDARDS
- **MS** = MAIL SLOT

EXAMPLE:
- (3) WINDOW PANE-HALF GLASS MAIL SLOT

FINISHED FLOOR

F90° (762)

6" (152.4)

6" (152.4)

7-3/4" (169.9)

VARIES
Type 1 & 2 Window Moulding

**FVMS**
- **FV** = FULL VISION STANDARDS
- **MS** = MAIL SLOT

<table>
<thead>
<tr>
<th>FVMS</th>
<th>FV</th>
<th>10” (254) X 10” (254)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FV1MS</td>
<td>12”</td>
<td>(304.8) X 12” (304.8)</td>
</tr>
</tbody>
</table>

**FNVMS**
- **FNV** = FULL NARROW VISION STANDARDS
- **MS** = MAIL SLOT

EXAMPLE: FNV1MS
- 6” X 36” (152 X 914) NARROW VISION LITE
- MAIL SLOT
AVAILABLE FOR TYPE 1, 3, 9 AND 11 WITH 3/8" POCKET ONLY.
AVAILABLE WITH CURRISTAIN DOORS. MUNTIN BAR IS NOT STAINED.

MUNTIN BAR PART NUMBER: CD002402

VERTICAL MUNTIN FOR 1/4" (6.4) GLASS ONLY!

HORIZONTAL MUNTIN FOR 1/4" (6.4) GLASS ONLY!

NOTCH VERTICAL MUNTIN 3/16" (4.8) TO FIT INSIDE HORIZONTAL MUNTIN

MULTIPLE GLASS SIZES MAY VARY SLIGHTLY DUE TO MUNTIN POCKET DEPTH

VISION LITE FRAME

HORIZONTAL MUNTIN

NOTCH HORIZONTAL MUNTIN 3/8" (9.5) TO FIT INSIDE WINDOW KIT FRAME

4-7/8" (123.8) MINIMUM BETWEEN VISIBLE GLASS AREAS. (INCLUDES MOULDING)

VISIBLE GLASS

3/8" (9.5)

11/32" (8.7)

VERTICAL MUNTIN 9/16" (14.3) OUTSIDE

HORIZONTAL MUNTIN 5/16" (7.9) INSIDE

3/16" (4.8) TO FIT INSIDE HORIZONTAL MUNTIN

3/16" (4.8)

1/4" (6.4) GLASS ONLY!

NOTCH HORIZONTAL MUNTIN 3/8" (9.5) TO FIT INSIDE WINDOW KIT FRAME

VISION LITE FRAME

HORIZONTAL MUNTIN

NOTCH HORIZONTAL MUNTIN 3/8" (9.5) TO FIT INSIDE WINDOW KIT FRAME

4-7/8" (123.8) MINIMUM BETWEEN VISIBLE GLASS AREAS. (INCLUDES MOULDING)

VISIBLE GLASS

3/8" (9.5)

11/32" (8.7)

VERTICAL MUNTIN 9/16" (14.3) OUTSIDE

HORIZONTAL MUNTIN 5/16" (7.9) INSIDE

3/16" (4.8) TO FIT INSIDE HORIZONTAL MUNTIN

3/16" (4.8)

1/4" (6.4) GLASS ONLY!

NOTCH VERTICAL MUNTIN 3/16" (4.8) TO FIT INSIDE HORIZONTAL MUNTIN

MULTIPLE GLASS SIZES MAY VARY SLIGHTLY DUE TO MUNTIN POCKET DEPTH

VISION LITE FRAME

HORIZONTAL MUNTIN

NOTCH HORIZONTAL MUNTIN 3/8" (9.5) TO FIT INSIDE WINDOW KIT FRAME

4-7/8" (123.8) MINIMUM BETWEEN VISIBLE GLASS AREAS. (INCLUDES MOULDING)

VISIBLE GLASS

3/8" (9.5)

11/32" (8.7)

VERTICAL MUNTIN 9/16" (14.3) OUTSIDE

HORIZONTAL MUNTIN 5/16" (7.9) INSIDE

3/16" (4.8) TO FIT INSIDE HORIZONTAL MUNTIN

3/16" (4.8)

1/4" (6.4) GLASS ONLY!

NOTCH VERTICAL MUNTIN 3/16" (4.8) TO FIT INSIDE HORIZONTAL MUNTIN

MULTIPLE GLASS SIZES MAY VARY SLIGHTLY DUE TO MUNTIN POCKET DEPTH

VISION LITE FRAME

HORIZONTAL MUNTIN

NOTCH HORIZONTAL MUNTIN 3/8" (9.5) TO FIT INSIDE WINDOW KIT FRAME

4-7/8" (123.8) MINIMUM BETWEEN VISIBLE GLASS AREAS. (INCLUDES MOULDING)

VISIBLE GLASS

3/8" (9.5)
STANDARD WINDOW MOULDING
TYPE 1

HINGE OR LOCK CHANNEL

20 GAUGE (.91) STANDARD CHANNEL REINFORCING

18 GA. (1.2) GALV. STEEL GLASS MOULDING

#6 OVAL HEAD SCREW

OUTSIDE SKIN

INVERTED TOP OR BOTTOM CHANNEL
TYPES 1 & 2

SEE PAGE 155 FOR CURRIES STANDARD WINDOW KIT INFORMATION.

NOTE: PLEASE NOTE WHEN KITS SHOULD BE USED ON 14 GAUGE DOORS.

NOTE: ON FIRE LABEL DOORS USE A 6" (152.4) MINIMUM STILE BETWEEN VISIBLE GLASS AREAS AND BETWEEN VISIBLE GLASS AND EDGES OF DOOR.
**Wide Pocket Glass Moulding**

Door Technical Data

June, 2017

**TYPE 2 (old style kits)**

SEE PAGE 155 FOR CURRIES STANDARD WINDOW KIT INFORMATION.

---

**Rabbeted Door and Panel**

---

See page 155 for Curries standard window kit information.
Concealed Glass Moulding - Type 3

Door Technical Data

May, 2013

THIS SURFACE PUNCHED AND COUNTERSUNK, ON CENTER, FOR #6-20 OVAL HEAD SCREW.

GLASS THICKNESS PLUS .125 = POCKET
GLASS SIZE IS 1" LARGER THAN VISIBLE
CUTOUT SIZE IS 1-1/4" LARGER THAN VISIBLE

NOTE:
REMOVABLE MOULDING IS ALWAYS ON THE INTERIOR SIDE UNLESS NOTED DIFFERENTLY ON THE ORDER.

* 3-1/8" (79.3) MINIMUM STILE AND RAIL AVAILABLE WITH TYPE 3 MOULDING. "NO FIRE LISTING," LIMITED HARDWARE.
Special Concealed Moulding - "Z" Type
Door Technical Data

August, 2013

Type 4

Glass thickness plus .125 = pocket
Glass size is 1" larger than visible
Removable side cutout size is 1-1/4" larger than visible

18 ga. (1.2) removable moulding

This surface punched and countersunk for #6–20 oval head screw.
6" on center for.

NOTE: removable moulding is to be on interior side of door unless noted differently on the order.

2-7/8" (73) minimum rail to visible between kits

16 ga. (1.4)
"Z" channel reinforcement

1-3/4" (44.5) door only
857 Standard 18 Ga. Concealed Moulding
Door Technical Data
November, 2016

2" DOOR

3/8" (9.5), 1/2" (12.7), OR 5/8" (15.8) POCKETS

9/16" (14.3) MIN.

5/8" (15.9) X 5/8" (15.9)

#6 SCREW

REMOVABLE STOP (18 GA.)
5/8" (15.9) X 5/8" (15.9)

TYPE 3
CONCEALED MOULDING
18 GA. (1.2)

NOTE: REMOVABLE MOULDING IS TO BE ON INTERIOR SIDE OF DOOR UNLESS NOTED DIFFERENTLY ON THE ORDER

3/8" (9.5) TO
1-1/8" (28.6) POCKETS
IN 1/8" (3.2) INCREMENTS

5/8" (15.9)

#6 SCREW

REMOVABLE STOP (18 GA.)
5/8" (15.9) X 5/8" (15.9)

TYPE 4
CONCEALED MOULDING
WIDE POCKET
18 GA. (1.2)
NOTES
1. MORTISE AND TAP PER ANSI/BHMA A156.115
2. REINFORCED IN ACCORDANCE WITH ANSI A250.6

CONTINUOUS LOCK CHANNEL

1-1/4" (31.8)

1/8" (3.2) LIP DEPTH

3-3/8" (85.7)

4-7/8" (123.8)

FINISHED FLOOR

40" (1016) TO Q_STANDARD

PIERCED AND EXTRUDE MOUNTING HOLES

TABS FORMED INTEGRAL WITH LOCK CHANNEL
CONTINUOUS LOCK CHANNEL

1-1/4" (31.8)

1/8" (3.2) LIP DEPTH

12 GA. (2.6) REINFORCEMENT

2-3/4" (69.9)

40" (1016) TO STANDARD

FINISHED FLOOR
E3 ANSI Deadlock Strike Preparation in Inactive Leaf

Door Technical Data

April, 2002

CONTINUOUS LOCK CHANNEL

1-1/8" (28.6)

12 GA. (2.6) REINFORCEMENT

3-1/2" (88.9)

48" (1219) TO STANDARD

FINISHED FLOOR

SIZE AND TAP PER ANSI A115.5 FOR MORTISE DEADLOCKS
E4 Strike Preparation in Inactive Leaf

Door Technical Data

April, 2002

12 GA. (2.6) TABS

CONTINUOUS LOCK CHANNEL

2-3/4" (69.9)

48" (1219) TO STANDARD

FINISHED FLOOR
CONTINUOUS LOCK CHANNEL

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE TO ALIGN WITH LOCK

12 GA. (2.6) TABS

SIZE AND TAP PER TEMPLATE

FINISHED FLOOR
ADDITIONAL REINFORCEMENT INSTALLED IF LIP DEPTH IS LONGER THAN LOCK CHANNEL LEG.

2" DOOR

12 GA. (2.6) REINFORCE AND TAP PER TEMPLATE

FINISHED FLOOR

PER TEMPLATE TO ALIGN WITH LOCK

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE
Door Electric Strike (E9)
Door Technical Data

April, 2002

CONTINUOUS LOCK CHANNEL

ELECTRIC RACEWAY

FOAM

12 GA. (2.6) TABS

PER TEMPLATE

PER TEMPLATE TO ALIGN WITH LOCK

PER TEMPLATE

PER TEMPLATE

FINISHED FLOOR

SIZE AND TAP PER TEMPLATE

ASSA ABLOY, the global leader in door opening solutions
Steel Stiffened Door Electric Strike (E9)
Door Technical Data
April, 2002

CONTINUOUS LOCK CHANNEL
FIBERGLASS INSULATION
ELECTRIC RACEWAY
12 GA. (2.6) TABS
PER TEMPLATE

PER TEMPLATE TO ALIGN WITH LOCK
FINISHED FLOOR

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE

SIZE AND TAP PER TEMPLATE

HINGE CHANNEL
ADDITIONAL REINFORCEMENT INSTALLED IF LIP DEPTH IS LONGER THAN LOCK CHANNEL LEG.

2" (50.8)

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE

PER TEMPLATE

FLOOR

12 GA. (2.6) REINFORCE AND TAP PER TEMPLATE

TO ALIGN WITH LOCK

2" DOOR
CURRIES STANDARD PRACTICE IS TO SUPPLY ASTRAGAL 5/8" (15.9) SHORT OF DOOR HEIGHT TO CLEAR FRAME STOP AT HEAD ON INACTIVE DOOR ONLY!

HIGH SIDE APPL.

DOOR HEIGHT
ACTIVE

LESS
5/8" (15.9)
INACTIVE
(*)

SPECIAL STOP HEIGHTS CAN VARY LENGTHS

STANDARD SCREW PLACEMENT USING #6 OVAL HEAD SCREWS (ALSO AVAILABLE WELDED) "MIN. REQ'D FOR U.L. LISTING"

(*) SPECIAL STOP HEIGHTS CAN VARY LENGTHS

SINGLE ASTRAGAL ON LOW SIDE OF INACTIVE LEAF STANDARD.

SINGLE ASTRAGAL ON HIGH SIDE OF ACTIVE LEAF. E1 STRIKE ON ACTIVE LEAF REQUIRES NOTCH ON ASTRAGAL.

DOUBLE ASTRAGAL ON HIGH SIDE OF ACTIVE LEAF AND LOW SIDE OF INACTIVE LEAF.
"Z" Astragal Locations and Handing

Door Technical Data

October, 2002

GAUGE: 14
STEEL TYPE: GALVANEAL

RUNS FULL HEIGHT AND IS NOTCHED FOR THE STOP

5/8" NOTCHED TO CLEAR FRAME STOP AT HEAD.

#6 OVAL HEAD SCREWS (ALSO AVAILABLE WELDED)

REVERSE ANGLE:
HARDWARE REINF: TABS FORMED INTEGRAL WITH ASTRAGAL

DOOR EDGE PREPARATION TO RECEIVE ASTRAGAL WITH E1/H1 PREP.

LH ASTRAGAL

RH ASTRAGAL

LHR ASTRAGAL (RH)

RHR ASTRAGAL (LH)

ACTIVE LEAF

INACTIVE LEAF

BEVELED ASTRAGAL

SQUARE ASTRAGAL

ASSA ABLOY, the global leader in door opening solutions
CL Standard Closer Reinforcement

Door Technical Data

October, 2002

C2 Optional Closer Reinforcement

DOOR SERIES
607, 707, 727
737, 747

12 GAUGE OPTION
DOOR SERIES
707, 727
737, 747
HINGE EDGE

LEGS OF REINFORCING ARE WELDED TO END CHANNEL.

16 GA. (1.4) TOP CAP (STANDARD)

12 GA. (2.6) REINFORCING CHANNEL

2" (50.8)

5-1/4" (133.4)

1-1/8" (28.6)

20" (508)
END CHANNEL IS MODIFIED FOR CORRECT DEPTH
DIMENSIONS VARY AS PER TEMPLATE

TOP OF DOOR SKIN AND END CHANNEL ARE
CUT AWAY PER TEMPLATE

HINGE CHANNEL

12 GA. (2.6) REINFORCING

MOUNTING HOLES SHALL BE DRILLED AND TAPPED IN THE FIELD FOR
DESIRED HOLD OPEN ANGLE.
94

857 Concealed Overhead Stop Reinforcement

Door Technical Data

April, 2002

2" DOOR

- 14 GA. (1.9) CONTINUOUS LOCK CHANNEL
- END CHANNEL IS MODIFIED FOR CORRECT DEPTH
  DIMENSIONS VARY AS PER TEMPLATE
- 16 GA. (1.4) TOP CAP
- TOP OF DOOR SKIN AND END CHANNEL ARE CUT AWAY PER TEMPLATE
- 12 GA. (2.6) CONTINUOUS HINGE CHANNEL

END VIEW

- TOP CAP 16 GA. (1.4)
- END CHANNEL 14 GA. (1.9)
- 12 GA. (2.6) REINFORCEMENT

ASSA ABLOY, the global leader in door opening solutions
14 GA. (1.9) OR CHANNEL REINFORCEMENT

NOTE: CHANNEL DIMENSIONS DETERMINED BY SEMI-MORTISE BOTTOM TEMPLATE.
G1 Govt. 160 Reinf. Cylindrical Lock 1-3/8" Door

Door Technical Data

April, 2002

NOTE: NO LATCH BOLT GUIDE REQUIRED FOR 1-3/8" DOOR

SIZE AND TAP PER ANSI A115.2

14 GA. (1.9) CONTINUOUS CHANNEL

12 GA. (2.6) TABS

16 GA. (1.4) REINFORCING

40-5/16" (1023.9) TO CENTER OF DOOR

2-1/4" (57.2) BACKSET FROM STRIKE TO CENTER OF DOOR

3-27/64" (86.9)

2-3/4" (69.9) FACE PUNCH 2-1/8" (53.9) (STANDARD)

4-7/32" (107.2)

FLOOR

NOTE: NO LATCH BOLT GUIDE REQUIRED FOR 1-3/8" DOOR
14 GA. (1.9) CONTINUOUS LOCK CHANNEL

16 GA. (1.4) CYLINDRICAL LOCK REINFORCEMENT

NOTE: LEVER HANDLE LOCKS REQUIRING INDEXING HOLES MUST BE SPECIFIED WHEN ORDERING.

4-7/32" (107.2)
3-27/64" (86.9)

SIZE AND TAP PER ANSI 115.2

2-1/4" (57.2)
40-5/16" (1024) TO Q OF STRIKE ON FRAME (STANDARD)
2-3/4" (69.9) BACK-SET TO Q OF DOOR EDGE

FLOOR LINE
G1B Cylindrical Thru Bolt Preparation 1-3/8" Door
Door Technical Data
April, 2002

14 GA. (1.9) CONTINUOUS LOCK CHANNEL

16 GA. (1.4) CYLINDRICAL LOCK REINFORCEMENT

4-7/32" (107.2)
2-1/8" (54)

7/16" (11.0) 4 PLS
5/16" (7.9) 2 PLS

SIZE AND TAP PER ANSI 115.2

3-27/64" (86.9)
3-1/4" (82.5) TYP.

45°

40-5/16" (1024) TO QOF STRIKE ON FRAME (STANDARD)

2-3/4" (69.9) BACK-SET TO Q OF DOOR EDGE

FLOOR LINE

ASSA ABLOY, the global leader in door opening solutions
G2 Govt. 161 Reinf. Cylindrical Lock 1-3/4" Door
Door Technical Data
June, 2018

14 GA. (1.9) CONTINUOUS LOCK CHANNEL

16 GA. (1.4) CYLINDRICAL LOCK REINFORCEMENT

16 GA. (1.4) LATCHBOLT GUIDE

FACE PUNCH 2-1/8" (54) (STANDARD)

2-1/4" (57.2)

1-1/8" (28.6)

2-3/4" (69.9) BACKSET

40" (1016) TO Ø STRIKE ON FRAME (STANDARD)

FLOOR

SIZE AND TAP PER ANSI 115.2
2" DOOR

14 GA. (1.9) CONTINUOUS CHANNEL

12 GA. (2.6) CYLINDRICAL LOCK REINFORCEMENT

16 GA. (1.4) REINFORCING

40" (1016) TO STRIKE ON FRAME (STANDARD)

2-1/4" (57.2)

1-1/8" (28.6)

2-3/4" (69.9) BACKSET FROM CENTER OF DOOR (STANDARD)

FINISHED FLOOR

SIZE AND TAP PER ANSI 115.2

FACE PUNCH 2-1/8" (53.9) (STANDARD)
**G2A Cylindrical Thru Bolt Preparation 1-3/4" Door**

**Door Technical Data**

January, 2008

**NOTE:** LEVER HANDLE LOCKS REQUIRING INDEXING HOLES MUST BE SPECIFIED WHEN ORDERING.

SIZE AND TAP PER ANSI 115.2
G2B Cylindrical Thru Bolt Preparation 1-3/4" Door

Door Technical Data

April, 2002

14 GA. (1.9) CONTINUOUS LOCK CHANNEL
16 GA. (1.4) CYLINDRICAL LOCK REINFORCEMENT
16 GA. (1.4) LATCHBOLT GUIDE

4-7/32" (107.2)
5/16" (7.9)
2 PLS

2-1/8" (54)
4 PLS

7/16" (11)

2-3/4" (69.9) BACKSET

1-1/8" (28.6)

3-27/64" (86.9)

40" (1016) TO Q STRIKE ON FRAME (STANDARD)

FINISHED FLOOR

SIZE AND TAP PER ANSI 115.18

ASSA ABLOY, the global leader in door opening solutions
14 GA. (1.9) CONTINUOUS LOCK CHANNEL

16 GA. (1.4) REINFORCEMENT

LOCK SUPPORT CLIPS

INTEGRAL TAB EXTRUDED AND TAPPED TO 12 GA. (2.6)

40" (1016) TO STRIKE ON FRAME
(STANDARD FOR 1-3/4" (44.5) DOOR)

40-5/16" (1023.9) TO STRIKE ON FRAME
(STANDARD FOR 1-3/8" (34.9) DOOR)

1-1/2" (38.1) FOR 1-3/4" (44.5) DOORS
1-9/16" (39.6) FOR 1-3/8" (34.9) DOORS

1-1/4" (31.8) FOR 1-3/4" (44.5) DOORS
1-1/16" (27) FOR 1-3/8" (34.9) DOORS

7-3/16" (182.6) FOR 1-3/4" (44.5) DOORS
5-9/16" (141.3) FOR 1-3/8" (34.9) DOORS

4-5/8" (117.5)

3/8" (9.5)

9.25" (235.0)

DOOR FACE AND EDGE PREPARATION CONFORM TO ANSI A115.1

TAP 12-24

40-5/16" (1023.9) TO STRIKE ON FRAME
(STANDARD FOR 1-3/8" (34.9) DOOR)

1-1/16" (27)

1-1/4" (31.8)

1-9/16" (39.6)

FLOOR
G3A Sectional Trim Mortise Lock Preparation

Door Technical Data

April, 2004

14 GA. (1.9) CONTINUOUS LOCK CHANNEL

16 GA. (1.4) REINFORCEMENT

LOCK SUPPORT CLIPS

4-5/8" (117.5)

SECTIONAL TRIM FACE PREPARATION PER TEMPLATE.

SIZE AND TAP EDGE ONLY PER ANSI 115.1

40" (1016) TO " STRIKE ON FRAME
(STANDARD FOR 1-3/4" (44.5) DOOR)

40-5/16" (1023.9) TO " STRIKE ON FRAME
(STANDARD FOR 1-3/8" (34.9) DOOR)

8" (203.2)

3/8" (9.5)

FLOOR

INTEGRAL TAB EXTRUDED AND TAPPED TO 12 GA. (2.6)

40-5/16" (1023.9) TO " STRIKE ON FRAME
(STANDARD FOR 1-3/8" (34.9) DOOR)

1-1/4" (31.8)

FOR 1-3/4" (44.5) DOORS
1-1/16" (27)

FOR 1-3/8" (34.9) DOORS

1-1/4" (31.8)

FOR 1-3/4" (44.5) DOORS
1-1/16" (27)

FOR 1-3/8" (34.9) DOORS

CL OF PREP.

CL OF PREP.

ASSA ABLOY, the global leader in door opening solutions
G3AE0 Edge Only Preparation
Door Technical Data

April, 2013

16 GA. (1.4) REINFORCEMENT

14 GA. (1.9) CONTINUOUS LOCK CHANNEL

LOCK SUPPORT CLIPS

4-5/8" (117.5)

12" (304.8)

3/8" (9.5)

8" (203.2)

SECTIONAL TRIM FACE PREPARATION PER TEMPLATE.
SIZE AND TAP EDGE ONLY PER ANSI 115.1

40" (1016) TO STRIKE ON FRAME
(STANDARD FOR 1-3/4" (44.5) DOOR)

40-5/16" (1023.9) TO STRIKE ON FRAME
(STANDARD FOR 1-3/8" (34.9) DOOR)

1-1/4" (31.8) FOR 1-3/4" (44.5) DOORS
1-1/16" (27) FOR 1-3/8" (34.9) DOORS

FLOOR

INTEGRAL TAB EXTRUDED AND TAPPED TO 12 GA. (2.6)

FACE PUNCH PER FUNCTION TEMPLATE

CL CL

OF PREP.
2" DOOR

14 GA. (1.9) CONTINUOUS LOCK CHANNEL

12 GA. (2.6) CHANNEL REINFORCEMENT

16 GA. (1.4) LOCK CENTERING CLIPS

12" (304.8)

4-3/4" (120.6)

8" (203.2)

3/8" (9.5)

OF PREP.

TAP 12-24

FINISHED FLOOR

DOOR EDGE PREPARATION CONFORM TO ANSI A115.1

1-1/4" (28.6)

40" (1016) TO STRIKE ON FRAME (STANDARD)
14 GA. (1.9) 2 PIECE LOCK CHANNEL

16 GA. (1.4) CHANNEL REINFORCEMENT

PER TEMPLATE

NOTE: SPECIFY HARDWARE MANUFACTURER AND MODEL NUMBER.

40" (1016) TO \( \ell \) STRIKE ON FRAME
(STANDARD FOR 1-3/4" (44.5) DOOR)

40-5/16" (1023.9) TO \( \ell \) STRIKE ON FRAME
(STANDARD FOR 1-3/8" (34.9) DOOR)

FLOOR
G11 Rim Exit Reinforcement
Door Technical Data
March, 2007

NOTE:
FACE PREPARATION AND REINFORCEMENT PER TEMPLATE WHEN SPECIFIED.

FINISHED FLOOR
G11A, G11B, G11C Rim Vertical Rod Exit Reinforcement

Door Technical Data

March, 2007

**NOTE:**
Top and bottom rod preparation per template.

**G11B - 3 Point Latching is Reinforced the same as G11A shown**

**G11C - Top latch only. Bottom lock side reinforcing channel is omitted.**

Fire plunger required for label.

**BLANK FACE STANDARD**

**NOTE:**
Face preparation and reinforcement per template when specified.
G12 Mortise Exit Reinforcement

Door Technical Data

March, 2007

NOTE:
FACE PREPARATION AND REINFORCEMENT PER TEMPLATE WHEN SPECIFIED

* LOCATE PER TEMPLATE ON PAIRS WITH EXIT DEVICE ON BOTH DOORS.
NOTE:
TOP AND BOTTOM ROD PREPARATION PER TEMPLATE.

14 GA. (1.9)
CHANNEL REINFORCEMENT

G12B - LESS BOTTOM ROD. BOTTOM ROD PREPARATION IS OMITTED.

G12C - LESS BOTTOM ROD. BOTTOM ROD PREP. IS OMITTED. FIRE PLUNGER REQUIRED FOR LABEL.

NOTE:
FINISH FLOOR, BOTTOM UNDERCUT, AND BOLT PROTRUSION CRITICAL FOR BOLT ENGAGEMENT TO FLOOR.
G13B SARGENT Recessed Latch Top and Mortise Lock (LBR)

Door Technical Data

May, 2006

SECTION A–A

14 (1.9) GA. REINFORCEMENT
12 (2.6) GA. REINFORCEMENT
16 (1.4) GA. REINFORCEMENT
2-9/32" (57.9)
1/4" (6.3) RETURN FORMED IN SKIN

FLOOR LINE

TOP ROD PREPARATION

CUTOUT WIDTH
30-5/32" (765.9)
36-5/32" (918.3)
40-5/32" (1019.9)
4'0" (1219.2) - 5'0" (1524)

NOMINAL DOOR WIDTH *
3'0" (914.4) ONLY
3'6" (1066.8) OR 3'8" (1117.6)
3'10" (1168) OR 4'0" (1219.2),

*STANDARD HINGE AND LOCK CLEARANCES

THE DEVICE IS FIRE RATED UP TO 90 MINUTES IN DOORS UP TO 4'0"
(1219.2) X 10'0" (3048)
(SINGLES) AND 8'0" (2438.4) X 10'0" (3048) (PAIRS).
G13 "VON DUPRIN" Recessed Latch Top and Mortise Lock (LBR)

Door Technical Data

April, 2004

SECTION A–A

CUTOUT WIDTH

24-5/32" (613.6)

30-5/32" (765.9)

THE DEVICE IS FIRE RATED UP TO THREE HOURS IN DOORS UP TO 4'0" (1219.2) X 10'0" (3048) (SINGLES).

* STANDARD HINGE AND LOCK CLEARANCES

1-3/4" DOOR ONLY

NOT AVAILABLE ON:

EMBOSSED PANEL DOORS
20 (.91) GAUGE DOORS
607 SERIES DOORS
737 SERIES DOORS
2" (50.8) THICK DOORS

THE DEVICE IS FIRE RATED UP TO THREE HOURS IN DOORS UP TO 4'0" (1219.2) X 10'0" (3048) (SINGLES).

* STANDARD HINGE AND LOCK CLEARANCES

1-3/4" DOOR ONLY

NOT AVAILABLE ON:

EMBOSSED PANEL DOORS
20 (.91) GAUGE DOORS
607 SERIES DOORS
737 SERIES DOORS
2" (50.8) THICK DOORS
**G13A "VON DUPRIN" Recessed Vertical Rod Exit Device**

**Door Technical Data**

April, 2004

---

**SECTION A–A**

- **7 (4.5) GA. REINFORCEMENT**
- **1/4" (6.3) RETURN FORMED IN SKIN**
- **4-1/4" (107.9) REINFORCEMENT**
- **16 (1.4) GA. REINFORCEMENT**

---

**L**

- **7 (4.5) GA. REINFORCEMENT**
- **1/4" (6.3) RETURN FORMED IN SKIN**
- **4-1/4" (107.9) REINFORCEMENT**
- **16 (1.4) GA. REINFORCEMENT**

---

**TOP ROD PREPARATION**

- **39-5/8" (1006.4)**

---

**BOTTOM ROD PREPARATION**

- **FLOOR LINE**

---

**NOMINAL CUTOFF WIDTH**

- **DOOR WIDTH, W**
  - **26" (660.4) ≤ W < 2'10" (863.6)**
  - **2'10" (863.6) ≤ W ≤ 5'0" (1524)**

---

**THE DEVICE IS FIRE RATED FOR USE ON PAIRS UP TO 8'0" X 10'0", 3 HOURS DOUBLE EGRESS DOORS AND 90 MINUTE DOORS SWINGING IN THE SAME DIRECTION.**

---

**STANDARD HINGE AND LOCK CLEARANCES**

---

**1-3/4" (44.4) DOOR ONLY**

- **NOT AVAILABLE ON:**
  - EMBOSSED PANEL DOORS
  - 20 (.91) GAUGE DOORS
  - 607 SERIES DOORS
  - 737 SERIES DOORS
  - 2" (50.8) THICK DOORS
CONTINUOUS LOCK CHANNEL

16 GA. (1.4) CYLINDRICAL LOCK REINFORCEMENT

16 GA. (1.4) LATCHBOLT GUIDE

2-1/4" (57.2)

1-1/8" STANDARD (28.6)

2-3/4" (69.9) BACKSET

48" (1219.2) TO STRIKE ON FRAME (STANDARD)

SIZE AND TAP PER TEMPLATE

FLOOR
G17 Mortise Deadlock Preparation
Door Technical Data
April, 2013

- Continuous Lock Channel
- 14 GA. (1.7) Channel Reinforcement
- Lock Support Clips
- 12 GA. (2.6) Reinforcement
- Face Punch Per Function Template
- Trim Holes Not Punched
- 48" (1219.2) To Strike On Frame (Standard)
- Finished Floor
- 4-5/8" (117.5)
- 12" (304.8)
- 14 GA. (1.7) Channel Reinforcement
- Per Template
- Per Template
- 12 GA. (2.6) Reinforcement
- Finished Floor
- Strike On Frame
- Function
- Template
- Trim Holes
- Not Punched
- Continuous Lock Channel
- Lock Support Clips
LOCK PREPARATION IS FOR COVER PLATE TO BE SURFACE APPLIED. COVER PLATE IS FURNISHED BY OTHERS.

STANDARD CURRIES BACKSET LOCATION IS FOR POCKET LOCK MOUNTED ON MOUNTING PLATE WITHOUT SHIMS.

12 GA. (2.6) REINFORCEMENT (BLANK - NO DRILL AND TAP)

CUT OUT PER TEMPLATE

2" DOOR

CUT OUT PER TEMPLATE

PER TEMPLATE

PER TEMPLATE

2" (50.8)
Flush Bolt Preparation (H1)
Door Technical Data

April, 2011

NOTES
1. MORTISE AND TAP PER ANSI/BHMA A156.115
2. REINFORCED IN ACCORDANCE WITH ANSI A250.6
857 H1 ANSI Mortise Flush Bolt Preparation
Door Technical Data
April, 2002

2" DOOR

12" (304.8) FROM TOP/BOTTOM OF DOOR

12" (304.8) FROM BOTTOM

(H1)

(H124)
24" (609.6) FROM TOP
12" (304.8) FROM BOTTOM

(H136)
36" (914.4) FROM TOP
12" (304.8) FROM BOTTOM

12 GA. (2.6)
REINFORCING

6-3/4" (171.5)

2" (50.8)

1" (25.4)

SIZE AND TAP PER ANSI 115.4
122 (SB) Surface Bolt Reinforcement
Door Technical Data

April, 2002

14 GA. (1.9) CHANNEL REINFORCEMENT

7/8" (22.2)
12" (304.8)
4-13/16" (122.2)

14 GA. (1.9) CHANNEL REINFORCEMENT

7/8" (22.2)
12" (304.8)
4-13/16" (122.2)
STANDARD CLEARANCES SHOWN WITH SQUARE EDGE DOORS AND MORTISE HINGES. HARDWARE APPLICATIONS CAN CHANGE STILES, BEVELS, AND BOTTOM UNDERCUT: ALWAYS ADVISE FACTORY OF FRAME SIZE AND COMPLETE HARDWARE SET WHEN ORDERING.
Steel code - A1
18 (1.1) or 16 (1.3) gauge galvanneal steel with .005" deep oak wood grain embossment.
Available 707 or 727 series “S” edge seam only.
4'9" (1219 x 2743.2) max. door size for 707.
4'8" (1219 x 2438.4) max. door size for 727.
Type 1 and Type 2 window kits available.

CURRIStain Finish Colors
Natural     Cocoa
Wheat      Cabernet
Cashew     Java

Custom Color Match
Custom stain color matching is available. Send physical sample to be matched to your Customer Service Professional. Additional lead-times may apply.

Stain – Stains used are solvent based products. Uniform application of stain by spraying 1 mil thickness over the entire door surface area and removing the excess stain by brushing or wiping the surface to obtain the desired color and effect. Six standard color choices are available (natural, wheat, cashew, cocoa, cabernet, or java). Custom color matching available for virtually any color.

Topcoat – A urethane with UV inhibitors topcoat is spray applied evenly across the surfaces. This UV resistant topcoat provides excellent resistance to normal wear and abuse. This topcoat is proven to be a solid performer for exterior as well as interior installations. The coating system was successfully tested to ANSI Standard A250.3.

Warranty – CURRIES steel doors have a warranty for one year on materials and craftsmanship after delivery to the jobsite. CURRIStain factory finish products include this one year warranty. Incidental nicks and scratched may be repaired using touch up “pens” available from the CURRIES factory.

Note: Substitute door series 727 for 707 when temperature rise listed openings are required. 727 doors use a “temperature rise core” in lieu of polystyrene or polyurethane core.

Specifications – Stainable wood grained steel doors shall be as manufactured by CURRIES, Mason City, Iowa. Doors shall be 707 series construction with continuous hinge and lock channel construction the full height of the door. Hinge and lock mounting preparations are integrally formed into these channels. Inverted top and bottom channel construction provides a full perimeter channel door infrastructure with door face skins supported by either a polystyrene core or polyurethane core permanently bonded to the face skins as required for insulating values on all openings. Doors shall be manufactured of galvanneal steel for corrosion resistance. Door face skins are grained .005 deep to accent the color stain application requested by the building owner. Doors are available handed as single doors or pairs of doors with or without fire resistance ratings. Doors are factory stained and sealed with the owner’s choice of CURRIES standard colors.

CURRIStain Astragal (code k)
“h” astragal 18 (1.1) gauge woodgrain embossment (code k). Inactive leaf preparations only! Blank, strike (E1), and or flush bolt (H1) preparations. Screw applied available for CURRIStain door only. 9' (2743.2) maximum height will fit both beveled edge and square edge doors.
## Window Kit Pocket Sizes

**Door Technical Data**

July, 2014

<table>
<thead>
<tr>
<th>GLASS THICKNESS</th>
<th>POCKET SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TYPE 1 AND 2 CURRIES AND WOODGRAIN KITS</strong></td>
<td></td>
</tr>
</tbody>
</table>
| 0.1875" to 0.25" | Standard Pocket | 0.3750"
| 0.3125" to 0.50" | Special Pocket | 0.6250"
| 0.5625" to 0.75" | Special Pocket | 0.8750"
| 0.8125" to 1.00" | Special Pocket | 1.1250"
| **TYPE 3 KIT** | |
| 0.25" | Standard Pocket | 0.375"
| 0.375" | Special Pocket | 0.50"
| 0.50" | Special Pocket | 0.625"
| **TYPE 4 KIT** | |
| 0.25" | Standard Pocket | 0.375"
| 0.375" | Special Pocket | 0.50"
| 0.50" | Special Pocket | 0.625"
| 0.625" | Special Pocket | 0.75"
| 0.75" | Special Pocket | 0.875"
| 0.875" | Special Pocket | 1.00"
| 1.00" | Special Pocket | 1.125"
| **TYPE 7 KIT** | |
| 0.25" | Standard Pocket | 0.375"
| 0.375" | Special Pocket | 0.50"
| 0.5" | Special Pocket | 0.625"
| 0.625" | Special Pocket | 0.750"
| 0.75" | Special Pocket | 0.875"
| **TYPE 8 KIT** | |
| 0.25" | Standard Pocket | 0.375"
| 0.375" | Special Pocket | 0.50"
| 0.50" | Special Pocket | 0.625"
| 0.625" | Special Pocket | 0.75"
| 0.75" | Special Pocket | 0.875"
| 0.875" | Special Pocket | 1.00"
| 1.00" | Special Pocket | 1.125"
| 1.125" | Special Pocket | 1.250"
| 1.25" | Special Pocket | 1.375"
| 1.375" | Special Pocket | 1.50"
| 1.50" | Special Pocket | 1.625"
| **TYPE 9 AND 10 ASSA KITS** | |
| 0.1875" to 0.3125" | Standard Pocket | 0.375"
| 0.375" to 0.50" | Special Pocket | 0.5625"
| 0.5625" to 0.75" | Special Pocket | 0.8125"
| 0.8125" to 1.00" | Special Pocket | 1.0625"
Glass Moulding Type 7

**Type 7**

* Pocket size 3/8" (9.5), 1/2" (12.7), 5/8" (15.9), 3/4" (19.1), 7/8" (22.2), for 1-3/4" (44.45) doors

3/8" (9.5) through 1-1/8" (28.6)

In 1/8" increments for 2" (50.8) doors

Glass thickness plus .125 = pocket

Call factory for glass and cutout size

---

Glass Moulding Type 8

**Type 8**

* Pocket size

3/8" (9.5), through 1-5/8" (41.3)

For 1-3/4" (44.5) doors

3/8" (9.5) through 1-7/8" (47.6)

In 1/8" increments for 2" (50.8) doors

Glass thickness plus .125 = pocket

Call factory for glass and cutout size
G13C “VON DUPRIN” Recessed Vertical Rod Exit Device (LBR)

Door Technical Data

June, 2004

- **7 (4.5) GA. REINFORCEMENT**
- **TOP ROD PREPARATION**
- **FLOOR LINE**
- **SECTION A–A**
- **A**
- **1/4" (6.3) RETURN FORMED IN SKIN**
- **7 GA. (4.5) REINFORCEMENT**
- **4-1/4" (107.9)**
- **16 (1.4)GA. REINFORCEMENT**
- **7/8" (22.2) DIA. PLUNGER HOLE**
- **39-5/8" (1006.4)**
- **A**

**THE DEVICE IS FIRE RATED FOR USE ON PAIRS UP TO 8’0" X 10’0", 3 HOURS DOUBLE EGRESS DOORS AND 90 MINUTE DOORS SWINGING IN THE SAME DIRECTION.**

**1-3/4" (44.4) DOOR ONLY**

**NOT AVAILABLE ON:**
- EMBOSSED PANEL DOORS
- 20 (.91) GAUGE DOORS
- 607 SERIES DOORS
- 737 SERIES DOORS
- 2" (50.8) THICK DOORS

**NOMINAL**

- **DOOR WIDTH, W**
  - 2’6" (762.0) ≤ W ≤ 2’10" (863.6)
  - 2’10" (863.6) ≤ W ≤ 5’0" (1524)

**CUTOUT WIDTH**

- 24-5/32" (613.6)
- 30-5/32" (765.9)
THE CURRIES ELECTROLYNX CABLE IS EQUIPPED WITH THE ELECTROLYNX SYSTEM OF PLUG IN CONNECTORS FOR FAST, EASY, CONNECTION TO SIMILARLY EQUIPPED ASSA ABLOY HARDWARE.

THE ELECTROLYNX CABLE HAS 12 CONDUCTORS OF 22 GA. WIRE IN A JACKET, WITH ELECTROLYNX CONNECTORS ON THE HARDWARE PREP END ONLY. POWER OVER ETHERNET (POE) CABLES ARE ALSO AVAILABLE.

NEITHER CABLE WILL FIT OUR RACEWAY. RACEWAY IS INTENDED FOR PULLING NONJACKETED INDIVIDUAL CONDUCTORS.

AVAILABLE IN THESE CURRIES DOOR SERIES
707      757
727      777
737      847
747      857

CAUTION IS RECOMMENDED WHEN INSTALLING SURFACE APPLIED HARDWARE IN AREAS HOLDING SYSTEM WIRING.

VERIFY CABLE LOCATION BEFORE MODIFYING DOOR OR SURFACE APPLICATION OF HARDWARE.

* BASED ON 3/4" (19) END CHANNEL DEPTH. VARIES FOR HARDWARE MOUNTED IN BOTTOM OF DOOR (EG-DOOR BOTTOMS).

** MINIMUM OF THREE HINGES WHEN ELECTROLYNX CABLE IS ORDERED. STANDARD LOCATION SHOWN. SOME HARDWARE AND TRIM COMBINATIONS WILL REQUIRE MULTIPLE ELECTROLYNX CABLES. ADDITIONAL ELECTRIC HINGE PREPARATIONS FOR MULTIPLE ELECTROLYNX CABLES ARE REQUIRED.
3/8" (9.5), 1/2" (12.7), and 5/8" (15.8) pockets only
1-3/4" (44.5) doors only

This surface punched and countersunk, on center, for #6-20 oval head screw.

**NOTE:**
Removable moulding is always on the interior side unless noted differently on the order.

Glass thickness plus .125 = pocket glass size is 1" larger than visible
Removable side cutout size is 1-1/4" larger than visible

*3-1/8" (79.3) minimum stile and rail available with Type 11 moulding. “No fire listing,” limited hardware.

**#6 screw**
Varies

Removable stop (18 GA.) 5/8" (15.9) x 5/8" (15.9)

Spot weld

Spots weld

18 GA.
767 Stile and Rail Door
Door Technical Data
June, 2013

- 16 GA. INSULATED TUBULAR STEEL
- FLUSH TOP
- CONTINUOUSLY WELDED CORNERS
- FLUSH GLAZING
- 5-5/8" STILES AND TOP RAIL
  (OPTIONAL 3-5/8" and 7-5/8")
- 12-5/8" BOTTOM RAIL
  (OPTIONAL 10-5/8", 14-5/8"
  OR 16-5/8")
- OPTIONAL CENTER RAIL
- BEVELED LOCK & HINGE EDGE

NOTE: RACEWAYS, ELECTRIC HINGES, OR EPT PREPS
ARE NOT ALLOWED
**767 Stile and Rail Door**  
Door Technical Data  
June, 2013

**TOP RAIL** – FLUSH SEAMLESS DESIGN, 5-5/8” RAIL STANDARD, 3-5/8” RAIL AND 7-5/8” OPTIONAL

**OPTIONAL CENTER RAIL** – FLUSH SEAMLESS DESIGN, 5-5/8” RAIL STANDARD, 3-5/8” RAIL AND 7-5/8” OPTIONAL

**BOTTOM RAIL** – FLUSH SEAMLESS DESIGN, 12-5/8” BOTTOM RAIL STANDARD, 10-5/8”, 14-5/8” OR 16-5/8” RAIL OPTIONAL

--

**CYLINDRICAL LOCK**  
(ANSI A115.2)  
2-3/4” BACKSET  
GOV. 160/161

**MORTISE LOCK**  
(ANSI A115.1)  
2-3/4” BACKSET  
GOV. 86

**HINGE PREPARATION**  
4-1/2” OR 5” HIGH STANDARD OR HEAVY WEIGHT, FULL MORTISE ANSI A156.7, HANDED

**FLUSH GLAZING**  
INTEGRAL FLUSH GLAZING WITH REMOVABLE GLASS BEAD
• DOOR IN A DOOR - 2 DOORS
• USE NEXT SIZE DOOR UP FOR EACH DOOR.
• LARGER DOOR MUST BE 747 CONSTRUCTION.
• MOST HINGE AND LOCK PREPARATIONS ARE AVAILABLE.
• EACH WICKET DOOR ASSEMBLY MUST BE ENGINEERED FOR PRACTICAL APPLICATION AND CLEARANCES TO ENSURE QUALITY PRODUCT SATISFACTION.
STANDARD HINGE BACKSET
2-1/4" DOOR
“G” BEVEL DOOR SHOWN

NOTE: TYPE 3 AND 4 CONCEALED MOULDING ONLY
Type 9 & 10 Window Moulding

<table>
<thead>
<tr>
<th></th>
<th>FV</th>
<th>FV1</th>
</tr>
</thead>
<tbody>
<tr>
<td>FV</td>
<td>10” (254) X 10” (254)</td>
<td>12” (304.8) X 12” (304.8)</td>
</tr>
</tbody>
</table>

65” (1651)
Type 9 & 10 Window Moulding

STANDARD LOCATIONS FOR DOORS 7’2” (2184.4) AND UNDER

STANDARD LOCATIONS FOR DOORS OVER 7’2” (2184.4)

* NOTE LIMITATIONS OF LABEL IF TO BE USED

ASSA ABLOY, the global leader in door opening solutions
Type 9 & 10 Window Moulding

FNV4

6-1/4" (158.8)  
8-1/4" (209.6)  
33" (838.2)

3" (76.2)

VARIES

FINISHED FLOOR

FNV5

6-1/4" (158.8)  
8-1/4" (209.6)  
24" (609.6)

4" (101.6)

VARIES

FINISHED FLOOR

FNV6

6-1/4" (158.8)  
8-1/4" (209.6)  
20" (508)

5" (127)

VARIES

FINISHED FLOOR

STANDARD LOCATIONS FOR DOORS 7’2” (2184.4) AND UNDER
Type 9 & 10 Window Moulding

**FNV7**
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- 24" (609.6)
- 6" (152.4)
- FINISHED FLOOR
- VARIES

**FNV8**
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- 30" (762)
- 6" (152.4)
- FINISHED FLOOR
- VARIES

**FNV9**
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- 25" (635)
- 4" (101.6)
- FINISHED FLOOR
- VARIES

**STANDARD LOCATIONS FOR DOORS 7'2" (2184.4) AND UNDER**
Glass Sizes (Visible) and Lite Locations 2FNV

Door Technical Data

February, 2009

Type 9 & 10 Window Moulding

STANDARD LOCATIONS FOR DOORS 7’2” (2184.4) AND UNDER

FINISHED FLOOR

STANDARD LOCATIONS FOR DOORS OVER 7’2” (2184.4)

FINISHED FLOOR

* NOTE LIMITATIONS OF LABEL IF □ TO BE USED
Type 9 & 10 Window Moulding

**2FNV4**
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- 33" (838.2)
- FINISHED FLOOR

**2FNV5**
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- 24" (609.6)
- FINISHED FLOOR

**2FNV6**
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- 20" (508)
- FINISHED FLOOR

* Minimum 6" (152.4) stiles to be label approved

**Standard Locations for Doors 7'2" (2184.4) and Under**

**2FNV4**
- Standard locations for doors 7’2” (2184.4) and under

**2FNV5**
- Standard locations for doors 7’2” (2184.4) and under

**2FNV6**
- Standard locations for doors 7’2” (2184.4) and under

* Minimum 6” (152.4) stiles to be label approved
**Type 9 & 10 Window Moulding**

* 2FNV4

- 6-1/4" (158.8)
- 6-1/4" (158.8)
- VARIES
- 33" (838.2)
- 3" (76.2)
- 3" (76.2)
- 45" (1103)

* 2FNV5

- 6-1/4" (158.8)
- 6-1/4" (158.8)
- VARIES
- 24" (609.6)
- 4" (101.6)
- 4" (101.6)
- 54" (1323)

* 2FNV6

- 6-1/4" (158.8)
- 6-1/4" (158.8)
- VARIES
- 20" (508)
- 5" (127)
- 5" (127)
- 58" (1421)

**FINISHED FLOOR**

* MINIMUM 6" (152.4) STILES TO BE LABEL APPROVED

**STANDARD LOCATIONS FOR DOORS OVER 7'2"**
Glass Sizes (Visible) and Lite Locations HG, HG2

Door Technical Data

February, 2009

<table>
<thead>
<tr>
<th>DOOR WIDTH</th>
<th>VISIBLE WIDTH</th>
<th>DOOR HEIGHT</th>
<th>VISIBLE HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'0&quot; (609.6)</td>
<td>11-5/16&quot; (287.3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2'4&quot; (711.2)</td>
<td>15-5/16&quot; (388.9)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2'6&quot; (762)</td>
<td>17-5/16&quot; (439.7)</td>
<td>6'8&quot; (2032)</td>
<td>27-1/4&quot; (692.1)</td>
</tr>
<tr>
<td>2'8&quot; (812.8)</td>
<td>19-5/16&quot; (490.5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2'10&quot; (863.6)</td>
<td>21-5/16&quot; (541.3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3'0&quot; (914.4)</td>
<td>23-5/16&quot; (592.1)</td>
<td>7'0&quot; (2133.6)</td>
<td>31-1/4&quot; (793.8)</td>
</tr>
<tr>
<td>3'4&quot; (1016)</td>
<td>27-5/16&quot; (693.7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3'6&quot; (1066.8)</td>
<td>29-5/16&quot; (744.5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3'8&quot; (1117.6)</td>
<td>31-5/16&quot; (795.3)</td>
<td>7'2&quot; (2184.4)</td>
<td>33-1/4&quot; (844.6)</td>
</tr>
<tr>
<td>3'10&quot; (1168.4)</td>
<td>33-5/16&quot; (846.1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4'0&quot; (1219.2)</td>
<td>35-5/16&quot; (896.9)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DOOR WIDTH</th>
<th>VISIBLE WIDTH</th>
<th>DOOR HEIGHT</th>
<th>VISIBLE HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'0&quot; (609.6)</td>
<td>11-5/16&quot; (287.3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2'4&quot; (711.2)</td>
<td>15-5/16&quot; (388.9)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2'6&quot; (762)</td>
<td>17-5/16&quot; (439.7)</td>
<td>6'8&quot; (2032)</td>
<td>6'8&quot; (2032)</td>
</tr>
<tr>
<td>2'8&quot; (812.8)</td>
<td>19-5/16&quot; (490.5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2'10&quot; (863.6)</td>
<td>21-5/16&quot; (541.3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3'0&quot; (914.4)</td>
<td>23-5/16&quot; (592.1)</td>
<td>7'0&quot; (2133.6)</td>
<td>13-3/16&quot; (335)</td>
</tr>
<tr>
<td>3'4&quot; (1016)</td>
<td>27-5/16&quot; (693.7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3'6&quot; (1066.8)</td>
<td>29-5/16&quot; (744.5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3'8&quot; (1117.6)</td>
<td>31-5/16&quot; (795.3)</td>
<td>7'2&quot; (2184.4)</td>
<td>15-3/16&quot; (385.8)</td>
</tr>
<tr>
<td>3'10&quot; (1168.4)</td>
<td>33-5/16&quot; (846.1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4'0&quot; (1219.2)</td>
<td>35-5/16&quot; (896.9)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).
Glass Sizes (Visible) and Lite Locations HG2, HG4

Door Technical Data

May, 2014

Type 9 & 10 Window Moulding

<table>
<thead>
<tr>
<th>DOOR WIDTH</th>
<th>VISIBLE WIDTH</th>
<th>DOOR HEIGHT</th>
<th>VISIBLE HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'0&quot; (609.6)</td>
<td>11-5/16&quot; (287.3)</td>
<td>6-1/4&quot; (158.8)</td>
<td>6-1/4&quot; (158.8)</td>
</tr>
<tr>
<td>2'4&quot; (711.2)</td>
<td>15-5/16&quot; (388.9)</td>
<td>6-1/4&quot; (158.8)</td>
<td>6-1/4&quot; (158.8)</td>
</tr>
<tr>
<td>2'6&quot; (762)</td>
<td>17-5/16&quot; (439.7)</td>
<td>6-1/2&quot; (157.5)</td>
<td>8-1/4&quot; (209.6)</td>
</tr>
<tr>
<td>2'8&quot; (812.8)</td>
<td>19-5/16&quot; (490.5)</td>
<td>6-1/4&quot; (158.8)</td>
<td>6-1/4&quot; (158.8)</td>
</tr>
<tr>
<td>2'10&quot; (863.6)</td>
<td>21-5/16&quot; (541.3)</td>
<td>6-1/4&quot; (158.8)</td>
<td>6-1/4&quot; (158.8)</td>
</tr>
<tr>
<td>3'0&quot; (914.4)</td>
<td>23-5/16&quot; (591.9)</td>
<td>6-1/2&quot; (157.5)</td>
<td>8-1/4&quot; (209.6)</td>
</tr>
<tr>
<td>3'4&quot; (1016)</td>
<td>27-5/16&quot; (694.3)</td>
<td>6-1/4&quot; (158.8)</td>
<td>6-1/4&quot; (158.8)</td>
</tr>
<tr>
<td>3'6&quot; (1066.8)</td>
<td>29-5/16&quot; (744.5)</td>
<td>6-1/4&quot; (158.8)</td>
<td>6-1/4&quot; (158.8)</td>
</tr>
<tr>
<td>3'8&quot; (1117.6)</td>
<td>31-5-16&quot; (795.3)</td>
<td>6-1/2&quot; (157.5)</td>
<td>8-1/4&quot; (209.6)</td>
</tr>
<tr>
<td>3'10&quot; (1168.4)</td>
<td>33-5/16&quot; (846.1)</td>
<td>6-1/4&quot; (158.8)</td>
<td>6-1/4&quot; (158.8)</td>
</tr>
<tr>
<td>4'0&quot; (1219.2)</td>
<td>35-5/16&quot; (896.9)</td>
<td>6-1/4&quot; (158.8)</td>
<td>6-1/4&quot; (158.8)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DOOR WIDTH</th>
<th>VISIBLE WIDTH</th>
<th>DOOR HEIGHT</th>
<th>VISIBLE HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'0&quot; (609.6)</td>
<td>5-7/32&quot; (132.6)</td>
<td>6-1/4&quot; (158.8)</td>
<td>6-1/4&quot; (158.8)</td>
</tr>
<tr>
<td>2'4&quot; (711.2)</td>
<td>7-7/32&quot; (183.4)</td>
<td>6-1/4&quot; (158.8)</td>
<td>6-1/4&quot; (158.8)</td>
</tr>
<tr>
<td>2'6&quot; (762)</td>
<td>8-7/32&quot; (208.8)</td>
<td>6-8&quot; (203.2)</td>
<td>8-1/4&quot; (209.6)</td>
</tr>
<tr>
<td>2'8&quot; (812.8)</td>
<td>9-7/32&quot; (234.2)</td>
<td>6-1/4&quot; (158.8)</td>
<td>6-1/4&quot; (158.8)</td>
</tr>
<tr>
<td>2'10&quot; (863.6)</td>
<td>10-7/32&quot; (259.6)</td>
<td>6-1/4&quot; (158.8)</td>
<td>6-1/4&quot; (158.8)</td>
</tr>
<tr>
<td>3'0&quot; (914.4)</td>
<td>11-7/32&quot; (285)</td>
<td>6-1/2&quot; (157.5)</td>
<td>8-1/4&quot; (209.6)</td>
</tr>
<tr>
<td>3'4&quot; (1016)</td>
<td>13-7/32&quot; (335.8)</td>
<td>6-1/4&quot; (158.8)</td>
<td>6-1/4&quot; (158.8)</td>
</tr>
<tr>
<td>3'6&quot; (1066.8)</td>
<td>14-7/32&quot; (361.2)</td>
<td>6-1/4&quot; (158.8)</td>
<td>6-1/4&quot; (158.8)</td>
</tr>
<tr>
<td>3'8&quot; (1117.6)</td>
<td>15-7/32&quot; (386.6)</td>
<td>6-1/2&quot; (157.5)</td>
<td>8-1/4&quot; (209.6)</td>
</tr>
<tr>
<td>3'10&quot; (1168.4)</td>
<td>16-7/32&quot; (412)</td>
<td>6-1/4&quot; (158.8)</td>
<td>6-1/4&quot; (158.8)</td>
</tr>
<tr>
<td>4'0&quot; (1219.2)</td>
<td>17-7/32&quot; (437.4)</td>
<td>6-1/4&quot; (158.8)</td>
<td>6-1/4&quot; (158.8)</td>
</tr>
</tbody>
</table>

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).
### Glass Sizes (Visible) and Lite Locations HG6, HG9

**Door Technical Data**

May, 2014

### Type 9 & 10 Window Moulding

<table>
<thead>
<tr>
<th>DOOR WIDTH</th>
<th>VISIBLE WIDTH</th>
<th>DOOR HEIGHT</th>
<th>VISIBLE HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'0&quot; (609.6)</td>
<td>5-7/32&quot; (132.6)</td>
<td>6-1/2&quot; (158.8)</td>
<td>8-1/2&quot; (215.9)</td>
</tr>
<tr>
<td>2'4&quot; (711.2)</td>
<td>7-7/32&quot; (183.4)</td>
<td>8-1/2&quot; (215.9)</td>
<td>8-1/2&quot; (215.9)</td>
</tr>
<tr>
<td>2'6&quot; (762)</td>
<td>8-7/32&quot; (208.8)</td>
<td>8-1/2&quot; (215.9)</td>
<td>8-1/2&quot; (215.9)</td>
</tr>
<tr>
<td>2'8&quot; (812.8)</td>
<td>9-7/32&quot; (234.2)</td>
<td>8-1/2&quot; (215.9)</td>
<td>8-1/2&quot; (215.9)</td>
</tr>
<tr>
<td>2'10&quot; (863.6)</td>
<td>10-7/32&quot; (259.6)</td>
<td>8-1/2&quot; (215.9)</td>
<td>8-1/2&quot; (215.9)</td>
</tr>
<tr>
<td>3'0&quot; (914.4)</td>
<td>11-7/32&quot; (285)</td>
<td>7-0&quot; (213.3)</td>
<td>9-53/64&quot; (250)</td>
</tr>
<tr>
<td>3'4&quot; (1016)</td>
<td>13-7/32&quot; (335.8)</td>
<td>7-0&quot; (213.3)</td>
<td>9-53/64&quot; (250)</td>
</tr>
<tr>
<td>3'6&quot; (1066.8)</td>
<td>14-7/32&quot; (361.2)</td>
<td>7-0&quot; (213.3)</td>
<td>9-53/64&quot; (250)</td>
</tr>
<tr>
<td>3'8&quot; (1117.6)</td>
<td>15-7/32&quot; (386.6)</td>
<td>7-2&quot; (218.4)</td>
<td>10-1/2&quot; (266.7)</td>
</tr>
<tr>
<td>3'10&quot; (1168.4)</td>
<td>16-7/32&quot; (412)</td>
<td>7-0&quot; (213.3)</td>
<td>9-53/64&quot; (250)</td>
</tr>
<tr>
<td>4'0&quot; (1219.2)</td>
<td>17-7/32&quot; (437.4)</td>
<td>7-0&quot; (213.3)</td>
<td>9-53/64&quot; (250)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DOOR WIDTH</th>
<th>VISIBLE WIDTH</th>
<th>DOOR HEIGHT</th>
<th>VISIBLE HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'0&quot; (609.6)</td>
<td>3-9/64&quot; (79.8)</td>
<td>4-29/64&quot; (113.1)</td>
<td>6-8&quot; (203)</td>
</tr>
<tr>
<td>2'4&quot; (711.2)</td>
<td>4-29/64&quot; (113.1)</td>
<td>5-9/64&quot; (130.6)</td>
<td>8-1/2&quot; (215.9)</td>
</tr>
<tr>
<td>2'6&quot; (762)</td>
<td>5-9/64&quot; (130.6)</td>
<td>6-8&quot; (203)</td>
<td>8-1/2&quot; (215.9)</td>
</tr>
<tr>
<td>2'8&quot; (812.8)</td>
<td>5-53/64&quot; (148)</td>
<td>6-29/64&quot; (164)</td>
<td>8-1/2&quot; (215.9)</td>
</tr>
<tr>
<td>2'10&quot; (863.6)</td>
<td>6-29/64&quot; (164)</td>
<td>7-9/64&quot; (181.4)</td>
<td>8-1/2&quot; (215.9)</td>
</tr>
<tr>
<td>3'0&quot; (914.4)</td>
<td>7-9/64&quot; (181.4)</td>
<td>7-0&quot; (213.3)</td>
<td>9-53/64&quot; (249.6)</td>
</tr>
<tr>
<td>3'4&quot; (1016)</td>
<td>7-0&quot; (213.3)</td>
<td>8-29/64&quot; (214.7)</td>
<td>9-53/64&quot; (249.6)</td>
</tr>
<tr>
<td>3'6&quot; (1066.8)</td>
<td>8-29/64&quot; (214.7)</td>
<td>9-9/64&quot; (232.2)</td>
<td>10-1/2&quot; (266.7)</td>
</tr>
<tr>
<td>3'8&quot; (1117.6)</td>
<td>9-9/64&quot; (232.2)</td>
<td>5-53/64&quot; (148)</td>
<td>10-1/2&quot; (266.7)</td>
</tr>
<tr>
<td>3'10&quot; (1168.4)</td>
<td>5-53/64&quot; (148)</td>
<td>7-2&quot; (218.4)</td>
<td>10-1/2&quot; (266.7)</td>
</tr>
<tr>
<td>4'0&quot; (1219.2)</td>
<td>7-2&quot; (218.4)</td>
<td>10-29/64&quot; (265.5)</td>
<td>11-9/64&quot; (283)</td>
</tr>
</tbody>
</table>

**NOTE:** For doors over 7'2" (2184.4) up to and including 8'0" (2438.4) stile and rail dimensions shown are maintained. Over 8'0" (2438.4) a maximum 44" (1117.6) visible height is available on HG Type doors. Over 44" (1117.6) visible height is considered a FG door. Always indicate location of light on door face when ordering doors over 8'0" (2438.4).
# Glass Sizes (Visible) and Lite Locations FG, FGL

## Door Technical Data

February, 2009

### Type 9 & 10 Window Moulding

![Diagram of Type 9 & 10 Window Moulding]

<table>
<thead>
<tr>
<th>Door Width</th>
<th>Visible Width</th>
<th>Door Height</th>
<th>Visible Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'0&quot; (609.6)</td>
<td>11-5/16&quot; (287.3)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2'4&quot; (711.2)</td>
<td>15-5/16&quot; (388.9)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2'6&quot; (762)</td>
<td>17-5/16&quot; (439.7)</td>
<td>6&quot; (2032)</td>
<td>59-3/8&quot; (1508.1)</td>
</tr>
<tr>
<td>2'8&quot; (812.8)</td>
<td>19-5/16&quot; (490.5)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2'10&quot; (863.6)</td>
<td>21-5/16&quot; (541.3)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3'0&quot; (914.4)</td>
<td>23-5/16&quot; (592.1)</td>
<td>7&quot; (2133.6)</td>
<td>63-3/8&quot; (1609.7)</td>
</tr>
<tr>
<td>3'4&quot; (1016)</td>
<td>27-5/16&quot; (693.7)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3'6&quot; (1066.8)</td>
<td>29-5/16&quot; (744.5)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3'8&quot; (1117.6)</td>
<td>31-5/16&quot; (795.3)</td>
<td>7&quot; (2184.4)</td>
<td>65-3/8&quot; (1660.5)</td>
</tr>
<tr>
<td>3'10&quot; (1168.4)</td>
<td>33-5/16&quot; (846.1)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>4'0&quot; (1219.2)</td>
<td>35-5/16&quot; (896.9)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Door Width</th>
<th>Visible Width</th>
<th>Door Height</th>
<th>Visible Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'0&quot; (609.6)</td>
<td>12&quot; (304.8)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2'4&quot; (711.2)</td>
<td>16&quot; (406.4)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2'6&quot; (762)</td>
<td>18&quot; (457.2)</td>
<td>6&quot; (2032)</td>
<td>60&quot; (1524)</td>
</tr>
<tr>
<td>2'8&quot; (812.8)</td>
<td>20&quot; (508)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2'10&quot; (863.6)</td>
<td>22&quot; (558.8)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3'0&quot; (914.4)</td>
<td>24&quot; (609.6)</td>
<td>7&quot; (2133.6)</td>
<td>64&quot; (1625.6)</td>
</tr>
<tr>
<td>3'4&quot; (1016)</td>
<td>28&quot; (711.6)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3'6&quot; (1066.8)</td>
<td>30&quot; (762)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3'8&quot; (1117.6)</td>
<td>32&quot; (812.8)</td>
<td>7&quot; (2184.4)</td>
<td>66&quot; (1676.4)</td>
</tr>
<tr>
<td>3'10&quot; (1168.4)</td>
<td>34&quot; (863.6)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>4'0&quot; (1219.2)</td>
<td>36&quot; (914.4)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**NOTE:** For doors over 7'2" (2184.4) up to and including 8'0" (2438.4) stile and rail dimensions shown are maintained. Over 8'0" (2438.4) a maximum 44" (1117.6) visible height is available on HG type doors. Over 44" (1117.6) visible height is considered a FG door. Always indicate location of light on door face when ordering doors over 8'0" (2438.4).
**Glass Sizes (Visible) and Lite Locations FG2, FG3, FG4**

**Door Technical Data**

February, 2009

### Type 9 & 10 Window Moulding

**FG2**

- 6-1/4" (158.8)
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- **VARIES (EQUAL)**
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- **VARIES (EQUAL)**
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- **VARIES (EQUAL)**
- 12-1/4" (311.2)

**FG3**

- 6-1/4" (158.8)
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- **VARIES (EQUAL)**
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- **VARIES (EQUAL)**
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- **VARIES (EQUAL)**
- 12-1/4" (311.2)

**FG4**

- 6-1/4" (158.8)
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- **VARIES (EQUAL)**
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- **VARIES (EQUAL)**
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- **VARIES (EQUAL)**
- 12-1/4" (311.2)

**NOTE:** FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

<table>
<thead>
<tr>
<th>DOOR WIDTH</th>
<th>VISIBLE WIDTH</th>
<th>DOOR HEIGHT</th>
<th>VISIBLE HEIGHT</th>
<th>DOOR HEIGHT</th>
<th>VISIBLE HEIGHT</th>
<th>DOOR HEIGHT</th>
<th>VISIBLE HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'0&quot; (609.6)</td>
<td>11-5/16&quot; (287.3)</td>
<td>15-5/16&quot; (388.9)</td>
<td>17-5/16&quot; (439.7)</td>
<td>19-5/16&quot; (490.5)</td>
<td>21-5/16&quot; (541.3)</td>
<td>23-5/16&quot; (592.1)</td>
<td>25-5/16&quot; (635.3)</td>
</tr>
<tr>
<td>2'4&quot; (711.2)</td>
<td>15-5/16&quot; (388.9)</td>
<td>19-5/16&quot; (490.5)</td>
<td>21-5/16&quot; (541.3)</td>
<td>23-5/16&quot; (592.1)</td>
<td>25-5/16&quot; (635.3)</td>
<td>27-5/16&quot; (693.7)</td>
<td>29-5/16&quot; (744.5)</td>
</tr>
<tr>
<td>2'6&quot; (762)</td>
<td>17-5/16&quot; (439.7)</td>
<td>21-5/16&quot; (541.3)</td>
<td>25-5/16&quot; (635.3)</td>
<td>27-5/16&quot; (693.7)</td>
<td>29-5/16&quot; (744.5)</td>
<td>31-5/16&quot; (795.3)</td>
<td>33-5/16&quot; (846.1)</td>
</tr>
<tr>
<td>2'8&quot; (812.8)</td>
<td>19-5/16&quot; (490.5)</td>
<td>23-5/16&quot; (592.1)</td>
<td>27-5/16&quot; (693.7)</td>
<td>29-5/16&quot; (744.5)</td>
<td>31-5/16&quot; (795.3)</td>
<td>33-5/16&quot; (846.1)</td>
<td>35-5/16&quot; (896.9)</td>
</tr>
<tr>
<td>2'10&quot; (863.6)</td>
<td>21-5/16&quot; (541.3)</td>
<td>25-5/16&quot; (635.3)</td>
<td>29-5/16&quot; (744.5)</td>
<td>31-5/16&quot; (795.3)</td>
<td>33-5/16&quot; (846.1)</td>
<td>35-5/16&quot; (896.9)</td>
<td>37-5/16&quot; (951.0)</td>
</tr>
<tr>
<td>3'0&quot; (914.4)</td>
<td>23-5/16&quot; (592.1)</td>
<td>27-5/16&quot; (693.7)</td>
<td>31-5/16&quot; (795.3)</td>
<td>33-5/16&quot; (846.1)</td>
<td>35-5/16&quot; (896.9)</td>
<td>37-5/16&quot; (951.0)</td>
<td>39-5/16&quot; (1003.5)</td>
</tr>
<tr>
<td>3'4&quot; (1016)</td>
<td>27-5/16&quot; (693.7)</td>
<td>31-5/16&quot; (795.3)</td>
<td>35-5/16&quot; (896.9)</td>
<td>37-5/16&quot; (951.0)</td>
<td>39-5/16&quot; (1003.5)</td>
<td>41-5/16&quot; (1054.5)</td>
<td>43-5/16&quot; (1106.1)</td>
</tr>
<tr>
<td>3'6&quot; (1066.8)</td>
<td>29-5/16&quot; (744.5)</td>
<td>33-5/16&quot; (846.1)</td>
<td>37-5/16&quot; (951.0)</td>
<td>39-5/16&quot; (1003.5)</td>
<td>41-5/16&quot; (1054.5)</td>
<td>43-5/16&quot; (1106.1)</td>
<td>45-5/16&quot; (1138.1)</td>
</tr>
<tr>
<td>3'8&quot; (1117.6)</td>
<td>31-5/16&quot; (795.3)</td>
<td>35-5/16&quot; (896.9)</td>
<td>39-5/16&quot; (1003.5)</td>
<td>41-5/16&quot; (1054.5)</td>
<td>43-5/16&quot; (1106.1)</td>
<td>45-5/16&quot; (1138.1)</td>
<td>47-5/16&quot; (1201.5)</td>
</tr>
<tr>
<td>3'10&quot; (1168.4)</td>
<td>33-5/16&quot; (846.1)</td>
<td>37-5/16&quot; (951.0)</td>
<td>41-5/16&quot; (1054.5)</td>
<td>43-5/16&quot; (1106.1)</td>
<td>45-5/16&quot; (1138.1)</td>
<td>47-5/16&quot; (1201.5)</td>
<td>49-5/16&quot; (1254.7)</td>
</tr>
<tr>
<td>4'0&quot; (1219.2)</td>
<td>35-5/16&quot; (896.9)</td>
<td>39-5/16&quot; (1003.5)</td>
<td>43-5/16&quot; (1106.1)</td>
<td>45-5/16&quot; (1138.1)</td>
<td>47-5/16&quot; (1201.5)</td>
<td>49-5/16&quot; (1254.7)</td>
<td>51-5/16&quot; (1308.1)</td>
</tr>
</tbody>
</table>

---

**NOTE:** FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

---

**Type 9 & 10 Window Moulding**

**FG2**

- 6-1/4" (158.8)
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- **VARIES (EQUAL)**
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- **VARIES (EQUAL)**
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- **VARIES (EQUAL)**
- 12-1/4" (311.2)

**FG3**

- 6-1/4" (158.8)
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- **VARIES (EQUAL)**
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- **VARIES (EQUAL)**
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- **VARIES (EQUAL)**
- 12-1/4" (311.2)

**FG4**

- 6-1/4" (158.8)
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- **VARIES (EQUAL)**
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- **VARIES (EQUAL)**
- 6-1/4" (158.8)
- 8-1/4" (209.6)
- **VARIES (EQUAL)**
- 12-1/4" (311.2)
Type 9 & 10 Window Moulding

FVL
FV = FULL VISION STANDARDS
L = LOUVER STANDARDS

FNVL
FNV = FULL NARROW VISION STANDARDS
L = LOUVER STANDARDS

EXAMPLE: FV1L2
12" X 12" (305 X 305) FULL VISION LITE
18" X 12" (457 X 305) LOUVER

EXAMPLE: FNV1L2
6" X 36" (152 X 914) NARROW VISION LITE
18" X 12" (457 X 305) LOUVER

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS
Type 9 & 10 Window Moulding

HGL
HG = HALF GLASS STANDARDS
L = LOUVER STANDARDS

EXAMPLE:
WINDOW PANE-HALF GLASS
18" X 12" (457 X 305) LOUVER

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS
### Glass Sizes (Visible) and Lite Locations F2NV, 3FNV

**Door Technical Data**

February, 2010

#### Type 9 & 10 Window Moulding

**F2NV**

- 6-1/4" (158.8)
- 8-1/4" (209.6)
- 16" (406.4)
- 6" (152.4)

**3FNV**

- 6-1/4" (158.8)
- 8-1/4" (209.6)
- 16" (406.4)
- 6" (152.4)

DOB WIDTH FOR 3FNV MUST BE AT LEAST 3'7" (1092.2) WIDE!

**NOTE:** MINIMUM 6" STILES TO BE FIRE LABEL LISTED.

#### Face Type Locations FD, FDFV

**FD**

- 65" (1651)
- 42" (1066.8)

**FDFV**

- 10" (254) X 10" (254)
- 12" (304.8) X 12" (304.8)

<table>
<thead>
<tr>
<th>FDFV</th>
<th>10&quot; (254) X 10&quot; (254)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDFV1</td>
<td>12&quot; (304.8) X 12&quot; (304.8)</td>
</tr>
</tbody>
</table>
Type 9 & 10 Window Moulding

FDFNV
- FD = FLUSH DUTCH
- FNV = FULL NARROW VISION STANDARDS

FDHG
- FD = FLUSH DUTCH
- HG = HALF GLASS STANDARDS

EXAMPLE: FDFNV
FLUSH DUTCH
6" X 36" (152 X 914) NARROW VISION LITE

EXAMPLE: FDHG
FLUSH DUTCH
(3) WINDOW PANE-HALF GLASS
Type 9 & 10 Window Moulding

**FDHGL**
- FD = FLUSH DUTCH
- HG = HALF GLASS STANDARDS
- L = LOUVER STANDARDS

**FDFNVL**
- FD = FLUSH DUTCH
- FNV = FULL NARROW VISION STANDARDS
- L = LOUVER STANDARDS

**EXAMPLE:**
- **FDHGL:**
  - (3) WINDOW Pane-HALF GLASS
  - 18" X 12" (457 X 305) LOUVER

**EXAMPLE:**
- **FDFNVL:**
  - 6" X 36" (152 X 914) NARROW VISION LITE
  - 18" X 12" (457 X 305) LOUVER

**PROVIDE CUTOUT ONLY SIZE FOR LOUVERS**
Type 9 & 10 Window Moulding

Type 9 & 10 Kits

NOTE:
GLASS SIZE IS .875 LARGER THAN VISIBLE.
DOOR CUTOUT IS 2.125" LARGER THAN VISIBLE.

ASSA ABLOY, the global leader in door opening solutions
Type 9 & 10 Window Moulding

FMS
FMS = FLUSH MAIL SLOT

HGMS
HG = HALF GLASS STANDARDS
MS = MAIL SLOT

EXAMPLE:
(3) WINDOW PANE-HALF GLASS MAIL SLOT
Type 9 & 10 Window Moulding

**FVMS**
- FV = FULL VISION STANDARDS
- MS = MAIL SLOT

<table>
<thead>
<tr>
<th>FVMS</th>
<th>FVMS 10&quot; (254) X 10&quot; (254)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FV1MS</td>
<td>FV1MS 12&quot; (304.8) X 12&quot; (304.8)</td>
</tr>
</tbody>
</table>

**FNVMS**
- FNV = FULL NARROW VISION STANDARDS
- MS = MAIL SLOT

**EXAMPLE:**
- FNV1MS 6" X 36" (152 X 914) NARROW VISION LITE MAIL SLOT
Muntin Bar - Muntin Bar Joints

Door Technical Data

February, 2009

AVAILABLE WITH TYPE 1, 3, AND 9 WITH 3/8" POCKET ONLY

MUNTIN BAR PART NUMBER: CD002402

VERTICAL MUNTIN FOR 1/4" (6.4) GLASS ONLY!

HORIZONTAL MUNTIN FOR 1/4" (6.4) GLASS ONLY!

NOTCH VERTICAL MUNTIN 3/16" (4.8) TO FIT INSIDE HORIZONTAL MUNTIN

MULTIPLE GLASS SIZES MAY VARY SLIGHTLY DUE TO MUNTIN POCKET DEPTH

VISION LITE FRAME

HORIZONTAL MUNTIN

NOTCH HORIZONTAL MUNTIN 3/8" (9.5) TO FIT INSIDE WINDOW KIT FRAME

5-1/8" (130.2) MINIMUM BETWEEN VISIBLE GLASS AREAS. (INCLUDES MOULDING)

VISIBLE GLASS

ASSA ABLOY, the global leader in door opening solutions
Type 9 & 10 Window Moulding

HINGE OR LOCK CHANNEL

20 GAUGE (.91) STANDARD CHANNEL REINFORCING STANDARD

#8 X 1-1/2" OHSMS

20 GA. (.91) GALV. STEEL GLASS MOULDING

1-1/2" (38.1)

INVERTED TOP OR BOTTOM CHANNEL

OUTSIDE SKIN
NOTE: ON FIRE LABEL DOORS USE A 6" (152.4) MINIMUM STILE BETWEEN VISIBLE GLASS AREAS AND BETWEEN VISIBLE GLASS AND EDGES OF DOOR.
1-3/4" VERTICALLY STEEL STIFFENED FIBERGLASS CORE DOOR BEVELED LOCK EDGE, HANDED

MAXIMUM FIRE LABEL - 180 MINUTE
MAXIMUM SIZE 4'0" X 8'0" SINGLE
MAXIMUM SIZE 8'0" X 8'0" PAIRED*
MAXIMUM SIZE 8'0" X 9'0" PAIRED - 90 MINUTE*

*NO ASTRAGAL REQUIRED

16 GA. (1.4) TOP END CHANNEL

22 GA. (.75) RIBS STANDARD WELDED EVERY 5" ALONG THE LENGTH TO A 22 GA. (.75) CORE PLATE. CORE IS CHEMICALLY BONDED TO ALL INTERIOR SURFACES

16 GA. (1.4) BOTTOM END CHANNEL

14 GA. (1.9) CLOSER REINFORCEMENT CHANNEL (OPTIONAL)

18 GA. (1.2), 16 GA. (1.4) OR 14 GA. (1.9) FACE SKINS

LOCK PREPARATION AS REQUIRED
162

707 Door Honeycomb Core Construction

Door Technical Data

September, 2014

AVAILABLE IN 1-3/4” THICKNESS ONLY

14 GA. (1.9) CLOSER REINFORCEMENT CHANNEL (OPTIONAL)

16 GA. (1.4) TOP END CHANNEL

14 GA. (1.9) STANDH

12 GA. (2.6) SPECIAL ORDER

14 GA. (0.9) - 14 GA. (1.9)
FACE SKINS BONDED TO CORE

16 GA. (1.4) BOTTOM END CHANNEL

HONEYCOMB CORE

LOCK CHANNEL

LOCK PREPARATION AS REQUIRED

20 GA. (0.9) - 14 GA. (1.9) FACE SKINS BONDED TO CORE
THE CURRIES NON-RATED LOUVER FOR 1-3/4" DOORS PROVIDES 50% FREE AIR FLOW WHILE FASTENING TO ONE SIDE TO ENSURE SECURITY.
**777 Trio-E Door Construction**

Door Technical Data

September, 2012

---

1-3/4" VERTICALLY STEEL STIFFENED POLYURETHANE CORE DOOR BEVELED LOCK EDGE, HANDED

MAXIMUM FIRE LABEL - 3 HOURS FOR UL
MAXIMUM SIZE SINGLES - 4'0" X 8'0"
MAXIMUM SIZE PAIRS - 8'0" X 8'0"

MAXIMUM FIRE LABEL - 90 MIN. WH
MAXIMUM SIZE SINGLES - 4'0" X 8'0"
PAIRS NOT AVAILABLE IN WH

---

**POLYURETHANE DOOR ASSEMBLY THERMAL CHARACTERISTIC:**

U FACTOR - 0.29 (ASTM 1363)*
R FACTOR - 3.4 (ASTM 1363)*

---

* 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.
**797 Mercury Energy Efficient Door Construction**

**Door Technical Data**

**1-3/4” VERTICALLY STEEL REINFORCED**

**POLYURETHANE CORE DOOR**

**BEVELED LOCK EDGE, HANDED**

* THE U AND R VALUES WERE OBTAINED BY TESTING TO NFRC 102-2014 IN A CURRIES MERCURY THERMAL BROKEN FRAME.

**POLYURETHANE DOOR ASSEMBLY**

**THERMAL CHARACTERISTIC:**

- **U FACTOR** - 0.374 (NFRC 102-2014)*
- **R FACTOR** - 2.70 (NFRC 102-2014)*

**MAXIMUM FIRE LABEL - 3 HOURS FOR UL**

**MAXIMUM SIZE SINGLES - 4'0” X 7’0”**

**MAXIMUM SIZE PAIRS - 6’0” X 7’0”**

**MAXIMUM SIZE SINGLES - 4’0” X 9’0”**

**MAXIMUM SIZE PAIRS - 8’0” X 9’0”**

---

**ASSA ABLOY**, the global leader in door opening solutions
KERALITE® FILMED GLASS (FIG03) and (FIG03E)

GLASS DESCRIPTION

CERAMIC, FILMED FIRE AND SAFETY RATED GLASS

BRAND NAME: KERALITE
GRADE: STANDARD
THICKNESS: 3/16” NOMINAL
WARRANTY: 3 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE, EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD

IMPACT SAFETY RATING: CAT 1, CAT II, CPSC 16CFR1201

FIRE LISTINGS

UL AND INTERTEK/WARNock-Hersey Approved, Positive Pressure. Glass is marked in accordance with International Building Code Section 715.4.6 and 2406.

<table>
<thead>
<tr>
<th>RATING</th>
<th>MAXIMUM EXPOSED AREA</th>
<th>MAXIMUM WIDTH</th>
<th>MAXIMUM HEIGHT</th>
<th>DOOR SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>20, 45, 60, AND 90</td>
<td>2736 SQ IN</td>
<td>36”</td>
<td>76”</td>
<td>707, 747, 777 847, 857</td>
</tr>
<tr>
<td>45, 60, AND 90 TR*</td>
<td>100 SQ IN PER LEAF</td>
<td>12”</td>
<td>33”</td>
<td>727, 747-TR*</td>
</tr>
<tr>
<td>180</td>
<td>100 SQ IN PER LEAF</td>
<td>12”</td>
<td>33”</td>
<td>707, 727, 747, 747-TR*, 777, 847, 857</td>
</tr>
</tbody>
</table>

*TEMPERATURE RISE

KERALITE® LAMINATED GLASS (FIG04) and (FIG04E)

GLASS DESCRIPTION

CERAMIC, LAMINATED FIRE AND SAFETY RATED GLASS

BRAND NAME: KERALITE
GRADE: STANDARD
THICKNESS: 5/16” NOMINAL
WARRANTY: 5 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE, EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD

IMPACT SAFETY RATING: CAT 1, CAT II, CPSC 16CFR1201

FIRE LISTINGS

UL AND INTERTEK/WARNock-Hersey Approved, Positive Pressure. Glass is marked in accordance with International Building Code Section 715.4.6 and 2406.

<table>
<thead>
<tr>
<th>RATING</th>
<th>MAXIMUM EXPOSED AREA</th>
<th>MAXIMUM WIDTH</th>
<th>MAXIMUM HEIGHT</th>
<th>DOOR SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>20, 45, 60, AND 90</td>
<td>2736 SQ IN</td>
<td>36”</td>
<td>75”</td>
<td>707, 747, 777 847, 857</td>
</tr>
<tr>
<td>45, 60, AND 90 TR*</td>
<td>100 SQ IN PER LEAF</td>
<td>12”</td>
<td>33”</td>
<td>727, 747-TR*</td>
</tr>
<tr>
<td>180</td>
<td>100 SQ IN PER LEAF</td>
<td>12”</td>
<td>33”</td>
<td>707, 727, 747, 747-TR*, 777, 847, 857</td>
</tr>
</tbody>
</table>

*TEMPERATURE RISE
**FIRELITE® NT GLASS (FIG05) and (FIG05E)**

**GLASS DESCRIPTION**

CERAMIC, FILMED FIRE AND SAFETY RATED GLASS

<table>
<thead>
<tr>
<th>BRAND NAME:</th>
<th>FIRELITE NT</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRADE:</td>
<td>PREMIUM</td>
</tr>
<tr>
<td>THICKNESS:</td>
<td>3/16&quot; NOMINAL</td>
</tr>
<tr>
<td>WARRANTY:</td>
<td>3 YEARS LIMITED</td>
</tr>
<tr>
<td>INCLUDES:</td>
<td>PVC CLOSED CELL FOAM GLAZING TAPE, EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD</td>
</tr>
<tr>
<td>IMPACT SAFETY RATING:</td>
<td>CAT 1, CAT II, CPSC 16CFR1201, AND ANSI Z97.1</td>
</tr>
</tbody>
</table>

**FIRE LISTINGS**

UL APPROVED, POSITIVE PRESSURE. GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 715.4.6 AND 2406.

<table>
<thead>
<tr>
<th>RATING</th>
<th>MAXIMUM EXPOSED AREA</th>
<th>MAXIMUM WIDTH</th>
<th>MAXIMUM HEIGHT</th>
<th>DOOR SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>20, 45, AND 60</td>
<td>3204 SQ IN</td>
<td>36&quot;</td>
<td>89&quot;</td>
<td>707, 747, 777, 847, 857</td>
</tr>
<tr>
<td>90</td>
<td>2034 SQ IN</td>
<td>36&quot;</td>
<td>56.5&quot;</td>
<td>707, 747, 777, 847, 857</td>
</tr>
<tr>
<td>45, 60, AND 90 TR*</td>
<td>100 SQ IN PER LEAF</td>
<td>12&quot;</td>
<td>33&quot;</td>
<td>727, 747-TR*</td>
</tr>
<tr>
<td>180</td>
<td>100 SQ IN PER LEAF</td>
<td>12&quot;</td>
<td>33&quot;</td>
<td>707, 727, 747, 747-TR*, 777, 847, 857</td>
</tr>
</tbody>
</table>

*TEMPERATURE RISE

**FIRELITE® PLUS GLASS (FIG06) and (FIG06E)**

**GLASS DESCRIPTION**

CERAMIC, LAMINATED FIRE AND SAFETY RATED GLASS

<table>
<thead>
<tr>
<th>BRAND NAME:</th>
<th>FIRELITE PLUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRADE:</td>
<td>PREMIUM</td>
</tr>
<tr>
<td>THICKNESS:</td>
<td>5/16&quot; NOMINAL</td>
</tr>
<tr>
<td>WARRANTY:</td>
<td>5 YEARS LIMITED</td>
</tr>
<tr>
<td>INCLUDES:</td>
<td>PVC CLOSED CELL FOAM GLAZING TAPE, EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD</td>
</tr>
<tr>
<td>IMPACT SAFETY RATING:</td>
<td>CAT 1, CAT II, CPSC 16CFR1201, AND ANSI Z97.1</td>
</tr>
</tbody>
</table>

**FIRE LISTINGS**

UL APPROVED, POSITIVE PRESSURE. GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 715.4.6 AND 2406.

<table>
<thead>
<tr>
<th>RATING</th>
<th>MAXIMUM EXPOSED AREA</th>
<th>MAXIMUM WIDTH</th>
<th>MAXIMUM HEIGHT</th>
<th>DOOR SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 AND 45</td>
<td>3204 SQ IN</td>
<td>36&quot;</td>
<td>89&quot;</td>
<td>707, 747, 847, 857</td>
</tr>
<tr>
<td>90</td>
<td>2034 SQ IN</td>
<td>36&quot;</td>
<td>56.5&quot;</td>
<td>707, 747, 847, 857</td>
</tr>
<tr>
<td>45, 60, AND 90 TR*</td>
<td>100 SQ IN PER LEAF</td>
<td>12&quot;</td>
<td>33&quot;</td>
<td>727, 747-TR*</td>
</tr>
<tr>
<td>180</td>
<td>100 SQ IN PER LEAF</td>
<td>12&quot;</td>
<td>33&quot;</td>
<td>707, 727, 747, 747-TR*, 777, 847, 857</td>
</tr>
</tbody>
</table>

*TEMPERATURE RISE
1/4” TEMPERED GLASS (FIG01) and (FIG01E)

GLASS DESCRIPTION

1/4” CLEAR TEMPERED GLASS

- QUALITY RATING: Q3, ASTM C1036-06
- THICKNESS: 1/4” NOMINAL
- WARRANTY: 1 YEAR LIMITED
- INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE
- IMPACT SAFETY RATING: CAT 1, CAT II, CPSC 16CFR1201

GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 2406

CANNOT BE USED ON FIRE RATED DOORS

1/4” FILMED WIRE GLASS (FIG02) and (FIG02E)

GLASS DESCRIPTION

1/4” FILM WIRE, FIRE AND IMPACT SAFETY RATED GLASS

- QUALITY RATING: Q6, ASTM C1036-06
- THICKNESS: 1/4” NOMINAL
- WIRE PATTERN: MISCO (DIAMOND PATTERN), BAROQUE (SQUARE PATTERN)
- WARRANTY: 1 YEAR LIMITED
- INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE OR PEMKO FG 300090 OR 300045 AS REQUIRED,
  EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
- IMPACT SAFETY RATING: CAT 1, CAT II, CPSC 16CFR1201, AND ANSI Z97.1

FIRE LISTINGS

UL AND INTERTEK/WARN-NOCK-HERSEY APPROVED,
POSITIVE PRESSURE. GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION
715.4.6 AND 2406.

<table>
<thead>
<tr>
<th>RATING</th>
<th>MAXIMUM EXPOSED AREA</th>
<th>MAXIMUM WIDTH</th>
<th>MAXIMUM HEIGHT</th>
<th>DOOR SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>20, AND 45</td>
<td>1296 SQ IN</td>
<td>36”</td>
<td>54”</td>
<td>707, 747, 777 847, 857</td>
</tr>
<tr>
<td>45 TR*</td>
<td>100 SQ IN</td>
<td>12”</td>
<td>33”</td>
<td>727, 747-TR*</td>
</tr>
<tr>
<td>60</td>
<td>100 SQ IN</td>
<td>12”</td>
<td>33”</td>
<td>707, 727, 747 747-TR*, 777, 847, 857</td>
</tr>
<tr>
<td>90</td>
<td>100 SQ IN</td>
<td>12”</td>
<td>33”</td>
<td>707, 727, 747 747-TR*, 777, 847, 857</td>
</tr>
<tr>
<td>20, AND 45</td>
<td>1296 SQ IN</td>
<td>34”</td>
<td>84”</td>
<td>707, 747, 777 847, 857</td>
</tr>
</tbody>
</table>

PEMKO FG 300090

<table>
<thead>
<tr>
<th>RATING</th>
<th>MAXIMUM EXPOSED AREA</th>
<th>MAXIMUM WIDTH</th>
<th>MAXIMUM HEIGHT</th>
<th>DOOR SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>552 SQ IN</td>
<td>12”</td>
<td>46”</td>
<td>707, 747, 777 847, 857</td>
</tr>
<tr>
<td>90</td>
<td>552 SQ IN</td>
<td>12”</td>
<td>46”</td>
<td>707, 747, 777 847, 857</td>
</tr>
</tbody>
</table>

*TEMPERATURE RISE
INSULATED GLASS

5/8” INSULATED GLASS (FIG07E)

GLASS DESCRIPTION

5/8” OVERALL INSULATING, LoE2 TEMPERED, ARGON FILLED
THICKNESS: 5/8” NOMINAL
WARRANTY: 10 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE AND DUO-SIL CAP SEAL ON BOTH SIDES AS NEEDED
IMPACT SAFETY RATING: CAT II, CPSC 16CFR1201
GLASS IS MARKED IN: CAT II, CPSC 16CFR1201 AND 2406

CANNOT BE USED ON FIRE RATED DOORS

INSULATING PERFORMANCE

CENTER OF GLASS U FACTOR: .25 BTU/hr•FT²°F
SHADING COEFFICIENT (SC): .42
SOLAR HEAT GAIN (SHGC): .37
UV TRANSMITTANCE: 14%

1” INSULATED GLASS (FIG08E)

GLASS DESCRIPTION

1” OVERALL INSULATING, LoE2 TEMPERED, ARGON FILLED
THICKNESS: 1” NOMINAL
WARRANTY: 10 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE AND DUO-SIL CAP SEAL ON BOTH SIDES AS NEEDED
IMPACT SAFETY RATING: CAT II, CPSC 16CFR1201
GLASS IS MARKED IN: CAT II, CPSC 16CFR1201 AND 2406

CANNOT BE USED ON FIRE RATED DOORS

INSULATING PERFORMANCE

CENTER OF GLASS U FACTOR: .25 BTU/hr•FT²°F
SHADING COEFFICIENT (SC): .41
SOLAR HEAT GAIN (SHGC): .36
UV TRANSMITTANCE: 13%
12 GA. (2.6) HINGE CHANNEL

14 GA. (1.9) CLOSER REINFORCEMENT CHANNEL (OPTIONAL)

22 GA. (.75) RIBS REQUIRED

8 LB. DENSITY MINERAL WOOL

14 GA. (1.9) LOCK CHANNEL

LOCK PREPARATION AS REQUIRED

18 GA. (1.2) OR 16 GA. (1.4) FACE SKINS SPOT WELDED TO RIBS AT 6" (152) MAX. SPACING

6" (152) MAXIMUM SPACING

16 GA. (1.4) TOP END CHANNEL

16 GA. (1.4) BOTTOM END CHANNEL

450°F TEMPERATURE RISE RATING ONLY
FIRE DOOR LIMITATIONS

MAXIMUM RATING: 45 MINUTES (WARNOCK HERSEY)
MAXIMUM SIZE: 4’0” X 7’2” (ENTRANCE DOOR)
CORE TYPE: STEEL STIFFENED ONLY
DOOR FACE GAUGE: 16 OR 14
VISION LITE: MAXIMUM 216 SQ IN. TYPE 11 KIT
FRAME REQUIREMENTS: MINIMUM 16 GAUGE, KD OR WELDED,
MASONRY OR DRYWALL (COMPRESSION ANCHORS NOT ALLOWED)

STEP THROUGH DOOR

10” MINIMUM TOP RAIL
16 GA. DOOR FACE STANDARD
14 GA. DOOR FACE OPTIONAL

POLYSTYRENE CONSTRUCTION STANDARD.
STEEL STIFFENED AND HONEYCOMB
CONSTRUCTION OPTIONAL.

ACCESS DOOR INSTALLED AT FACTORY WITH
CONTINUOUS HINGE PEMKO CFMSLF-HD1
6” MINIMUM STILE ON HINGE SIDE

ACCESS DOOR STANDARD SIZE 1’8” X 5’0”
NOMINAL (CUSTOM SIZES AVAILABLE CONTACT FACTORY)

VISION LIGHT AVAILABLE
TYPE 11 KIT STANDARD, TYPE 4 OPTIONAL
6” MINIMUM STILE AND RAIL ON ACCESS DOOR

ONE MORTISE DEAD BOLT PREPARATION,
E3 STRIKE PREP @ 48” AFF STANDARD.
SECOND DEADLOCK OPTIONAL.

FLUSH CUP PULL PREPARATION @ 40” AFF

10” MINIMUM STANDARD BOTTOM RAIL

14 GA. ONE PIECE FLAT
ASTRALGAL APPLIED AROUND
ACCESS DOOR OPENING
ON PATIENT ROOM
SIDE OF DOOR
ALL EDGES EASED

TOP CAP REQUIRED
(SCREW APPLIED AND FILLED)

TOP CAP OPTIONAL

FLUSH EDGE SEAM WELDED AND
 FILLED - TYPE “T”

8” MINIMUM STANDARD
STILE ON LOCK SIDE

STRIKE PREPARATION (E3)
@ 48” AFF

LOCK PREPARATION AS REQUIRED
FRAME STRIKE PREP @ 40” AFF

3’0” MINIMUM WIDTH
6’8” MINIMUM HEIGHT

CORRIDOR SIDE

TOP CAP OPTIONAL