# CONTENTS

## SECTION A2...CUSTOM ENTRANCES AND HARDWARE*

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*Note: For hardware not listed in the price catalogue, consult estimating!

Note: Kawneer entrances in this price book are outswing in recognition of building code life safety considerations.
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

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### PRICING EXAMPLE #1

- **40 DARK BRONZE FINISH**
- **350 SINGLE DOOR**
- **TRIFAB™ VG 450 FRAME (CENTER)**
- **OFFSET PIVOT**
- **MS LOCK - 2 CYLINDERS**
- **STANDARD THRESHOLD**
- **NORTON 1605BC W/H.O.**
- **CO-9 S/A PUSH/PULL SET**
- **1/4” BEVELED GLASS STOP**

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**TOTAL PRICE =** $1,660.74

### PRICING EXAMPLE #2

- **40 DARK BRONZE FINISH**
- **350 SINGLE DOOR**
- **TRIFAB™ VG 450 FRAME (CENTER)**
- **BUTT HINGES - #29 BLACK FINISH**
- **MS LOCK - 2 CYLINDERS**
- **STANDARD THRESHOLD**
- **NORTON 1605BC W/H.O.**
- **CO-12 S/A PUSH/PULL SET**
- **1/4” SQUARE GLASS STOP**

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**TOTAL PRICE =** $2,746.61

### PRICING EXAMPLE #3

- **40 DARK BRONZE FINISH**
- **350 PAIR OF DOORS**
- **CONTINUOUS HINGE**
- **MS LOCK - 2 CYLINDERS**
- **CO-9 S/A PUSH/PULL SET**
- **NORTON 1605BC W/H.O.**
- **1/4” BEVELED GLASS STOP**
- **3 x 3 MUNTIN GRID USING 5/16” MUNTINS**

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**TOTAL PRICE =** $6,566.00
### PRICING EXAMPLE #4

**Active Leaf**

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**Framing**

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**TOTAL PRICE = $3,025.64**

### PRICING EXAMPLE #5

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<td>18.00</td>
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</tr>
<tr>
<td>1</td>
<td>050878</td>
<td>NORTON 1601 CLOSER</td>
<td>166.00</td>
<td>166.00</td>
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</table>

**Inactive Leaf #1**

<table>
<thead>
<tr>
<th>QTY.</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
<th>LIST PRICE</th>
<th>EXTENDED PRICE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>190-SBVBK</td>
<td>190 CHASSIS</td>
<td>$504.00</td>
<td>$504.00</td>
<td>A2/5</td>
</tr>
<tr>
<td>1</td>
<td>138420</td>
<td>CONTINUOUS HINGE</td>
<td>462.00</td>
<td>462.00</td>
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<tr>
<td>1</td>
<td>138134</td>
<td>PAIR OF FLUSHBOLTS</td>
<td>54.00</td>
<td>54.00</td>
<td>A2/13</td>
</tr>
<tr>
<td>1</td>
<td>138135</td>
<td>FLUSHBOLT FRAME PREP</td>
<td>30.00</td>
<td>30.00</td>
<td>A2/13</td>
</tr>
<tr>
<td>1</td>
<td>138729</td>
<td>RISER BLOCK</td>
<td>55.00</td>
<td>55.00</td>
<td>A2/23</td>
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</table>

**Inactive Leaf #2**

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<th>DESCRIPTION</th>
<th>LIST PRICE</th>
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<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>190-SBVBK</td>
<td>190 CHASSIS</td>
<td>$504.00</td>
<td>$504.00</td>
<td>A2/5</td>
</tr>
<tr>
<td>3</td>
<td>138408</td>
<td>BUTT HINGES</td>
<td>69.00</td>
<td>207.00</td>
<td>A2/11</td>
</tr>
<tr>
<td>3</td>
<td>138418</td>
<td>BUTT HINGE FRAME PREPS</td>
<td>36.00</td>
<td>108.00</td>
<td>A2/11</td>
</tr>
<tr>
<td>1</td>
<td>138134</td>
<td>PAIR OF FLUSHBOLTS</td>
<td>54.00</td>
<td>54.00</td>
<td>A2/13</td>
</tr>
<tr>
<td>1</td>
<td>138135</td>
<td>FLUSHBOLT FRAME PREP</td>
<td>30.00</td>
<td>30.00</td>
<td>A2/13</td>
</tr>
<tr>
<td>1</td>
<td>138729</td>
<td>RISER BLOCK</td>
<td>55.00</td>
<td>55.00</td>
<td>A2/23</td>
</tr>
</tbody>
</table>

**Framing**

<table>
<thead>
<tr>
<th>QTY.</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
<th>LIST PRICE</th>
<th>EXTENDED PRICE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>4509120</td>
<td>DOOR JAMB (PER FT.)</td>
<td>17.16</td>
<td>257.40</td>
<td>A2/28</td>
</tr>
<tr>
<td>9</td>
<td>4509121</td>
<td>T-BAR/HEADER (PER FT.)</td>
<td>23.42</td>
<td>210.78</td>
<td>A2/28</td>
</tr>
<tr>
<td>9</td>
<td>4509145</td>
<td>THRESHOLD (PER FT.)</td>
<td>4.36</td>
<td>39.24</td>
<td>A2/28</td>
</tr>
</tbody>
</table>

**TOTAL PRICE = $3,695.42**
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

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Price includes:
1. Blank door up to 3’0” x 8’0”. (For doors exceeding 4’0” x 8’0”, consult factory.)
2. 1/4” beveled glass stops.

Special door pricing add the following:
1. Base door chassis: As listed below.
2. Hinging hardware: Select the desired hinging method and add the price of the hardware.
3. Options: Add the price of all other options required for door and/or frame, be sure to add hardware and preparation charges.

### PART NUMBER STRUCTURE SAMPLE FOR BLANK DOORS

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>HANDLE</th>
<th>PIVOTING</th>
<th>LOCKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>190 = 190 NARROW</td>
<td>S = SINGLE</td>
<td>BV = BEVELED STILE</td>
<td>BK = BLANK</td>
</tr>
<tr>
<td>350 = 350 MEDIUM</td>
<td>P = PAIR</td>
<td>BR = BEVELED RABBETED</td>
<td></td>
</tr>
<tr>
<td>500 = 500 WIDE</td>
<td></td>
<td>RD = RADIUS</td>
<td></td>
</tr>
</tbody>
</table>

### Door Chassis

<table>
<thead>
<tr>
<th>Door Chassis</th>
<th>Narrow Stile 190</th>
<th>Medium Stile 350</th>
<th>Wide Stile 500</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SINGLE</td>
<td>PAIR</td>
<td>SINGLE</td>
</tr>
<tr>
<td>DOOR OPENING SIZE UP TO</td>
<td>3’0” x 8’0”</td>
<td>6’0” x 8’0”</td>
<td>3’0” x 8’0”</td>
</tr>
<tr>
<td>Beveled Stiles</td>
<td>For offset pivots or butt hung doors.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PART NO.</td>
<td>190-SBVK</td>
<td>190-PBVK</td>
<td>350-SBVK</td>
</tr>
<tr>
<td>Bevel Rabbeted Stile</td>
<td>For continuous hinge doors. Use of this stile will not affect glass sizes.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PART NO.</td>
<td>190-SBRBK</td>
<td>190-PBRBK</td>
<td>350-SBRBK</td>
</tr>
<tr>
<td>Radius Stiles (3)</td>
<td>For center hung doors.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PART NO.</td>
<td>190-SRDBK</td>
<td>190-PRDBK</td>
<td>350-SRDBK</td>
</tr>
<tr>
<td>#17 GRP</td>
<td>$487.00</td>
<td>$974.00</td>
<td>$772.00</td>
</tr>
<tr>
<td>#40 GRP</td>
<td>504.00</td>
<td>1,008.00</td>
<td>804.00</td>
</tr>
<tr>
<td>#29 GRP</td>
<td>546.00</td>
<td>1,092.00</td>
<td>882.00</td>
</tr>
</tbody>
</table>

(3) Not applicable with InFrame interior framing.

### Special Width Door

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>138234</td>
<td>$152.00</td>
</tr>
</tbody>
</table>
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

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Note:
1. All prices are per leaf unless noted otherwise.
2. When using 1/2" - 1" insulating glass stops and push bars are required, the use of double bend (CP-II) push bars in lieu of standard single bend (CP) push bars is suggested. Push/pull sets are listed on page A2/25.

### Glass Stop Options

<table>
<thead>
<tr>
<th>Standard Stops</th>
<th>5/16&quot; Muntin Stops</th>
<th>PART NO.</th>
<th>#17 GRP</th>
<th>#40 GRP</th>
<th>#29 GRP</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Image" /></td>
<td>1/4&quot; Square (For 1/4' &amp; 3/16' glass)</td>
<td>138214</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td><img src="image2.png" alt="Image" /></td>
<td>3/8&quot; Square (For 5/16' &amp; 3/8' glass)</td>
<td>138215</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td><img src="image3.png" alt="Image" /></td>
<td>1/2&quot; Square (1) (For 7/16' &amp; 1/2' glass)</td>
<td>138216</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td><img src="image4.png" alt="Image" /></td>
<td>5/8&quot; Square (1) (For 9/16' &amp; 5/8' glass)</td>
<td>138217</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td><img src="image5.png" alt="Image" /></td>
<td>3/4&quot; Square (1) (For 11/16' &amp; 3/4' glass)</td>
<td>138218</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td><img src="image6.png" alt="Image" /></td>
<td>1&quot; Square (1) (For 1&quot; glass)</td>
<td>138219</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

(1) Recommendation: Add intermediate hinging as stated on pivoting hardware pages A2/11.

### Door Bottom Weathering

<table>
<thead>
<tr>
<th>Part No.</th>
<th>#17 GRP</th>
<th>#40 GRP</th>
<th>#29 GRP</th>
</tr>
</thead>
<tbody>
<tr>
<td>For 3'0&quot; door</td>
<td>200795</td>
<td>$16.00</td>
<td>$18.00</td>
</tr>
<tr>
<td>For 3'6&quot; door</td>
<td>200796</td>
<td>19.00</td>
<td>21.00</td>
</tr>
<tr>
<td>Variable to 4'0&quot;</td>
<td>200799</td>
<td>22.00</td>
<td>24.00</td>
</tr>
<tr>
<td>For 6'0&quot; pairs</td>
<td>200798</td>
<td>32.00</td>
<td>36.00</td>
</tr>
<tr>
<td>3'0&quot; long</td>
<td>037092</td>
<td>6.00</td>
<td>6.00</td>
</tr>
<tr>
<td>4'0&quot; long</td>
<td>037093</td>
<td>8.00</td>
<td>8.00</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Substitute Bottom Rails</th>
<th>PART NO.</th>
<th>#17 GRP</th>
<th>#40 GRP</th>
<th>#29 GRP</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-1/2&quot; Bottom Rail</td>
<td>IN 190 DOOR</td>
<td>138724</td>
<td>$ 35.00</td>
<td>$ 35.00</td>
</tr>
<tr>
<td>7-1/2&quot; Bottom Rail</td>
<td>IN 190 DOOR</td>
<td>138725</td>
<td>38.00</td>
<td>38.00</td>
</tr>
<tr>
<td>10&quot; Bottom Rail</td>
<td>IN 190 DOOR</td>
<td>138727</td>
<td>75.00</td>
<td>75.00</td>
</tr>
<tr>
<td>12&quot; Bottom Rail</td>
<td>IN 190 DOOR</td>
<td>138731</td>
<td>221.00</td>
<td>237.00</td>
</tr>
</tbody>
</table>

Note:
1. All prices are per leaf unless noted otherwise.
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<table>
<thead>
<tr>
<th>Kick Plates with Built Up Bottom Rail</th>
<th>Fabricated Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bottom Rail</strong> (Aluminum kick plates - applied, both sides)</td>
<td><strong>PART NO.</strong></td>
</tr>
<tr>
<td>UP TO 10' HIGH</td>
<td>138721</td>
</tr>
<tr>
<td>FOR EACH 3' ADDITIONAL</td>
<td>138722</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Reinforcement Rail</strong> (use if over 30' tall)</th>
<th><strong>PART NO.</strong></th>
<th><strong>Fabricated Price</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>INT. REINFORCING RAIL</td>
<td>138723</td>
<td>$150.00 (NO FINISH)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Built Up Bottom Rail</th>
<th>Fabricated Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bottom Rail</strong></td>
<td><strong>PART NO.</strong></td>
</tr>
<tr>
<td>UP TO 10' HIGH</td>
<td>138200</td>
</tr>
<tr>
<td>FOR EACH 3' ADDITIONAL</td>
<td>138208</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>WEAR SHIELD</strong> (Black finish only. Applied push side standard. Double price for both sides.)</th>
<th><strong>PART NO.</strong></th>
<th><strong>Fabricated Price</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>UP TO 10' HIGH</td>
<td>138203</td>
<td>$90.00 (NO FINISH)</td>
</tr>
<tr>
<td>FOR EACH 3' ADDITIONAL</td>
<td>138204</td>
<td>$27.00 (NO FINISH)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Bottom Rail Adaptors</th>
<th>Fabricated Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Adaptors (Applied)</strong></td>
<td><strong>PART NO.</strong></td>
</tr>
<tr>
<td>7-1/2' ON STD. 190</td>
<td>138718</td>
</tr>
<tr>
<td>10-1/8' ON STD. 350/500</td>
<td>138719</td>
</tr>
<tr>
<td>10' ON STD. 190</td>
<td>138720</td>
</tr>
</tbody>
</table>

**Note:**
1. All prices are per leaf unless noted otherwise.
### Cross Rails

<table>
<thead>
<tr>
<th>Cross Rail</th>
<th>PART NO.</th>
<th>#17 GRP</th>
<th>#40 GRP</th>
<th>#29 GRP</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/16&quot; Muntin</td>
<td>138710</td>
<td>$ 7.00</td>
<td>$ 8.00</td>
<td>$ 9.00</td>
</tr>
<tr>
<td>7/8&quot; Cross Rail</td>
<td>138711</td>
<td>11.00</td>
<td>12.00</td>
<td>13.00</td>
</tr>
<tr>
<td>1-3/8&quot; Cross Rail</td>
<td>138709</td>
<td>12.00</td>
<td>13.00</td>
<td>14.00</td>
</tr>
<tr>
<td>2-1/4&quot; Cross Rail</td>
<td>138712</td>
<td>13.00</td>
<td>14.00</td>
<td>16.00</td>
</tr>
<tr>
<td>3-1/2&quot; Cross Rail</td>
<td>138713</td>
<td>16.00</td>
<td>17.00</td>
<td>19.00</td>
</tr>
<tr>
<td>6&quot; Cross Rail</td>
<td>138714</td>
<td>20.00</td>
<td>22.00</td>
<td>25.00</td>
</tr>
<tr>
<td>8-1/4&quot; Cross Rail</td>
<td>138715</td>
<td>22.00</td>
<td>24.00</td>
<td>27.00</td>
</tr>
<tr>
<td>10&quot; Cross Rail</td>
<td>031215</td>
<td>55.00</td>
<td>60.00</td>
<td>68.00</td>
</tr>
</tbody>
</table>

### Notes:
1. All prices are **per foot** unless noted otherwise.
2. All cross rails/muntins include any of the glass stops listed on page A2/6.
3. Set-up charges are required with all cross rail/muntins. One charge per cross rail/muntin either as a horizontal or vertical.
4. When vertical muntins are required to create a grid configuration, square glass stops are standard.
5. When adding cross rails/muntins and push bars are required, use double bend (CP-II) push bars in lieu of standard single bend (CP) push bars. Push pulls sets are listed on page A2/25.

---

**Per Foot Price**
Note:
1. All prices are per foot unless noted otherwise.
2. All cross rails/muntins include any of the glass stops listed on page A2/6.
3. Set-up charges are required with all cross rails/muntins. One charge per cross rail/muntin either as a horizontal or vertical.
4. When vertical muntins are required to create a grid configuration, square glass stops are standard.

### Barrier Free Option

<table>
<thead>
<tr>
<th>Part No.</th>
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</thead>
<tbody>
<tr>
<td>138603</td>
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</table>

### Accessibility Decal

### Accessibility Push Shield

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>138206</td>
<td>350.00</td>
</tr>
</tbody>
</table>

### Cross Rail/Muntin Set-up Charge

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>138716</td>
<td>145.00</td>
</tr>
</tbody>
</table>

### Substitute Beveled Glass Stop in a Grid Configuration

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>138717</td>
<td>200.00</td>
</tr>
</tbody>
</table>

### SAMPLE OF CROSS RAIL/MUNTIN SET-UP CHARGE

The grid at right has a total of 8 rail set-up charges.
Two (2) horizontal rail charges & six (6) vertical rail charges. (Horizontal rails always run through.)

If beveled stops are required for this configuration, add 9 each (138717) lite charges above.
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### Custom Entrances and Hardware

**OFFSET PIVOTS / BUTT HINGES**

#### Notes:
1. Refer to the general information section for hardware color combinations.
2. Prices for hardware listed are per item, I.E. select (6) butt hinges to receive 1-1/2' pairs of butts per leaf on a pair of doors.

#### Offset Pivots

<table>
<thead>
<tr>
<th>Part No.</th>
<th>#17</th>
<th>#40</th>
<th>#29</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Offset Pivot (Kawneer standard)</td>
<td>138410</td>
<td>$23.00</td>
<td>$24.00</td>
</tr>
<tr>
<td>Frame Prep</td>
<td>138411</td>
<td>15.00</td>
<td></td>
</tr>
<tr>
<td>Bottom Offset Pivot (For use with threshold)</td>
<td>138412</td>
<td>25.00</td>
<td>26.00</td>
</tr>
<tr>
<td>Frame Prep</td>
<td>138413</td>
<td>15.00</td>
<td></td>
</tr>
<tr>
<td>Bottom Offset Pivot (For use without threshold)</td>
<td>138414</td>
<td>25.00</td>
<td>25.00</td>
</tr>
<tr>
<td>Frame Prep (N/A WITHOUT THRESHOLD)</td>
<td>---</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td>Bottom Offset Pivot (Threshold mounted, for open back frames with 450053 &amp; 450055 threshold)</td>
<td>031217</td>
<td>33.00</td>
<td>33.00</td>
</tr>
<tr>
<td>Intermediate Offset Pivot (Kawneer standard)</td>
<td>138210</td>
<td>168.00</td>
<td>176.00</td>
</tr>
<tr>
<td>Frame Prep (INCLUDES REINFORCING)</td>
<td>138211</td>
<td>35.00</td>
<td></td>
</tr>
<tr>
<td>Intermediate Electric Transfer Offset Pivot (Kawneer standard)</td>
<td>138431(RH)</td>
<td>582.00</td>
<td>590.00</td>
</tr>
<tr>
<td>Frame Prep (INCLUDES OFFSET PIVOT &amp; WIRING HARNESS)</td>
<td>138432(LH)</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td>Optional Intermediate Offset Pivot (Rixson M-19 or IVES 7215)</td>
<td>138415</td>
<td>332.00</td>
<td>350.00</td>
</tr>
<tr>
<td>Frame Prep (INCLUDES REINFORCING)</td>
<td>138416</td>
<td>115.00</td>
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#### (2) Offset Pivot Paint Charge

<table>
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<tr>
<td>138035A2</td>
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#### Butt Hinges

<table>
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<tr>
<td>138408</td>
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<tr>
<td>138418</td>
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<tr>
<td>031219A2</td>
<td>$114.00 (US32D)</td>
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<tr>
<td>138418</td>
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<td>138430</td>
<td>$522.00</td>
</tr>
<tr>
<td>138418</td>
<td>$36.00</td>
</tr>
</tbody>
</table>

(27) For eight wire electric transfer consult factory.
## CONTINUOUS GEARED HINGE / CENTER PIVOTS

### Note:
1. Refer to miscellaneous stock length section C/10 for finger protectors for use with center hung doors.
2. Prices for hardware listed are per item, i.e. select (2) bottom center pivots for a pair of doors.

### Continuous Geared Hinge

<table>
<thead>
<tr>
<th>Part No.</th>
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<tbody>
<tr>
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### Center Pivots

#### Bottom Center Pivot for Use with Threshold

(For C.O.C. or center hung free swing doors)

<table>
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<th>Part No.</th>
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<tbody>
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<tr>
<td>138424</td>
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</table>

#### Bottom Center Pivot for Use without Threshold

(For C.O.C. or center hung free swing doors)

<table>
<thead>
<tr>
<th>Part No.</th>
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</tr>
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<tbody>
<tr>
<td>138425</td>
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#### Top Center Pivot Kawneer Walking Beam Pivot

(For floor closer or center hung free swing doors)

<table>
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<tr>
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<tbody>
<tr>
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<td>138427</td>
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<td>138428</td>
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#### Top Center Pivot L.C.N. Walking Beam Pivot

<table>
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</thead>
<tbody>
<tr>
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<tr>
<td>038601</td>
<td>259.00</td>
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</tbody>
</table>

(3) Not applicable with InFrame interior framing.
Notes:
1. Locking options do not include cylinders or lock operators. Select cylinders and lock operators separately.
2. Back set for all locks listed on this page is 1-1/8”.
3. Refer to the general information section for hardware color combinations.

<table>
<thead>
<tr>
<th>Standard Adams Rite MS1850 Lock</th>
<th></th>
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<tbody>
<tr>
<td>Part No.</td>
<td>#17</td>
<td>#29</td>
</tr>
<tr>
<td>HARDWARE + DOOR PREP</td>
<td>138101</td>
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</tr>
<tr>
<td>SINGLE FRAME PREP</td>
<td>138102</td>
<td>25.00</td>
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<tr>
<td>HARDWARE + DOOR PREP</td>
<td>138103</td>
<td>46.00</td>
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<td>PAIR FRAME PREP</td>
<td>---</td>
<td>---</td>
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<table>
<thead>
<tr>
<th>Adams Rite MS1850-020 Short Throw Lock</th>
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<tbody>
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<td>Part No.</td>
<td>#17</td>
<td>#29</td>
</tr>
<tr>
<td>HARDWARE + DOOR PREP</td>
<td>138104</td>
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<tr>
<td>SINGLE FRAME PREP</td>
<td>138102</td>
<td>25.00</td>
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<tr>
<td>HARDWARE + DOOR PREP</td>
<td>138105</td>
<td>59.00</td>
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<tr>
<td>PAIR FRAME PREP</td>
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<td>---</td>
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<table>
<thead>
<tr>
<th>Adams Rite MS1850-050 Hookbolt Lock</th>
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<tbody>
<tr>
<td>Part No.</td>
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<td>#29</td>
</tr>
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<td>SINGLE FRAME PREP</td>
<td>138107</td>
<td>25.00</td>
</tr>
<tr>
<td>HARDWARE + DOOR PREP</td>
<td>138108</td>
<td>59.00</td>
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<td>PAIR FRAME PREP</td>
<td>---</td>
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<table>
<thead>
<tr>
<th>Adams Rite 4510 Latch Lock</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Part No.</td>
<td>#17</td>
<td>#29</td>
</tr>
<tr>
<td>HARDWARE + DOOR PREP</td>
<td>138120</td>
<td>300.00</td>
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<tr>
<td>OFFSET HUNG FRAME PREP</td>
<td>138121</td>
<td>45.00</td>
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<tr>
<td>CENTER HUNG FRAME PREP (3)</td>
<td>138122</td>
<td>90.00</td>
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<tr>
<td>HARDWARE + DOOR PREP</td>
<td>138123</td>
<td>315.00</td>
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<td>PAIR FRAME PREP</td>
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<table>
<thead>
<tr>
<th>Adams Rite MS+1890 Deadbolt Latch Lock</th>
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<tbody>
<tr>
<td>Part No.</td>
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</tr>
<tr>
<td>HARDWARE + DOOR PREP</td>
<td>138124</td>
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<tr>
<td>OFFSET HUNG FRAME PREP</td>
<td>138125</td>
<td>75.00</td>
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<tr>
<td>CENTER HUNG FRAME PREP (3)</td>
<td>138126</td>
<td>125.00</td>
</tr>
<tr>
<td>HARDWARE + DOOR PREP</td>
<td>138127</td>
<td>477.00</td>
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<td>PAIR FRAME PREP</td>
<td>---</td>
<td>---</td>
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</table>

<table>
<thead>
<tr>
<th>Kawneer Standard Flushbolts (3)(4)</th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Part No.</td>
<td>#17</td>
<td>#29</td>
</tr>
<tr>
<td>HARDWARE + DOOR PREP</td>
<td>138128</td>
<td>50.00</td>
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<tr>
<td>FRAME PREP</td>
<td>138135</td>
<td>30.00</td>
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<table>
<thead>
<tr>
<th>Shuttered/Florida Approved Flushbolts (3)</th>
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<tbody>
<tr>
<td>Part No.</td>
<td>#17</td>
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</tr>
<tr>
<td>HARDWARE + DOOR PREP</td>
<td>138128</td>
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</tr>
<tr>
<td>FRAME PREP</td>
<td>138135</td>
<td>30.00</td>
</tr>
</tbody>
</table>

(3) Not applicable with InFrame interior framing.
(4) Available with InFrame with threshold only.
(5) Some building codes, with some qualifications, prohibit the use of manual flushbolts on exit doors needed to handle the occupant load of the building. Please consult with your local code to verify the use of manual flushbolts for your specific application.
## Multi-Point Locking Hardware Options

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>138116</td>
<td>$410.00</td>
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<tr>
<td>138117</td>
<td>30.00</td>
</tr>
</tbody>
</table>

### CONTROLLER™ (3-Point Locking System) (3)
For use in inactive leaf of pairs of doors only.
Single acting applications only.
Use with Adams Rite MS1850 lock.

### Adams Rite 4015 Two Point Lock (3)
For use in single or pairs of doors.
Includes conversion kit for standard MS1850 lock to 2-point lock.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>138130</td>
<td>200.00</td>
</tr>
<tr>
<td>138131</td>
<td>30.00</td>
</tr>
</tbody>
</table>

### Adams Rite 4085 + Three Point Lock (3)
For use on pairs of doors only. N/A with flushbolts.
Includes conversion kit for standard MS1850 lock to 3-point lock.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>138132</td>
<td>266.00</td>
</tr>
<tr>
<td>138133</td>
<td>30.00</td>
</tr>
</tbody>
</table>

### Shutter/Florida Approved MS Three Point Lock Adams Rite 4016
Top Bolt & 4056 Threshold Bolt with Hurricane Guides (3)
For use on 350 and 500 doors only. Not available on 190 doors.
Includes conversion kit for standard MS1850 lock to 3-point lock.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>138109</td>
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<tr>
<td>138119</td>
<td>30.00</td>
</tr>
</tbody>
</table>

---

**Notes:**
1. 3-point locking option does not include the MS lock, cylinders or lock operators. Select MS 1850 lock, cylinders and lock operators sold separately.
2. Back sets for all locks listed on this page 1-1/8".

---

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### Accessories for use with Locking Hardware Options on Page A2/13 & A2/14

<table>
<thead>
<tr>
<th>Part No.</th>
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<tbody>
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<tr>
<td>138240</td>
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<td>138243</td>
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<td>80.00</td>
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<td>138670</td>
<td>9.00</td>
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<tr>
<td>138671</td>
<td>18.00</td>
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<tr>
<td>138672</td>
<td>9.00</td>
</tr>
<tr>
<td>138225</td>
<td>9.00</td>
</tr>
</tbody>
</table>

**Adams Rite 4560 Lever Handle**
(For use on 4510 Latch Lock only)
Standard 3-1/2" handle.

**Adams Rite 4565 Emergency Handle**
(For use on 4510 or MS+1890 latch locks only)
Optional 1-1/2" handle.

**Adams Rite 4590 Latch Paddle**
(For use on 4510 or MS1890 latch locks only)
Optional paddle.

**Adams Rite 7130 Electric Strike**
(For use on 4510 latch locks only.)
Wiring & additional electric transfer for pair of doors not included.

**Exit indicator**

**MS Cylinder Guard**
(For use with Kawneer standard cylinders.)
Note: N/A with exit devices.

**Cylinder for MS & Latch Locks**
Price includes:
1. Hardware + door prep.

**Thumbturn for MS Locks**
Note: N/A with exit devices and 4510 latch locks.

---

**Note:**
1. Refer to the general information section for hardware color combinations.
Notes:
1. Exit device options do not include the cylinders or pull handles. Select cylinders and pull handles separately.
2. Refer to the general information section for hardware color combinations.
3. Prices are for 3'0" x 7'0" door leaf. For special size concealed exit devices use part 138667 and add $60.00 list per leaf.

Concealed Exit Device Options

<table>
<thead>
<tr>
<th>Part No.</th>
<th>#17</th>
<th>#40</th>
<th>#29</th>
</tr>
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<tbody>
<tr>
<td><strong>Kawneer Concealed Rod Exit Device</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kawneer 1686 Concealed Rod Exit Device</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exit device</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HARDWARE + DOOR PREP</td>
<td>138645</td>
<td>$475.00</td>
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<tr>
<td>FRAME PREP</td>
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<td>35.00</td>
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<tr>
<td>Kawneer 1686 Concealed Rod Exit Device (4)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Exit device with cylinder dogging</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HARDWARE + DOOR PREP</td>
<td>138645CD</td>
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<td>FRAME PREP</td>
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<td>35.00</td>
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<tr>
<td>Cylinder with mounting pad for Exit Devices (4)</td>
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<td></td>
</tr>
<tr>
<td>(For use with Kawneer 1686 exit device)</td>
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<tr>
<td>Note: N/A with Paneline type exit devices.</td>
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<tr>
<td>KEYED INDIVIDUALLY</td>
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<td>KEYED ALIKE (in groups of 50)</td>
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<tr>
<td><strong>Kawneer 1686 Lever Handle</strong></td>
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<td>HARDWARE + DOOR PREP</td>
<td>138845</td>
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<td>Cylinder</td>
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<tr>
<td>KEYED INDIVIDUALLY</td>
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<td>9.00</td>
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<tr>
<td>KEYED ALIKE (in groups of 50)</td>
<td>138672</td>
<td>9.00</td>
<td>9.00</td>
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<tr>
<td>DUMMY CYLINDER</td>
<td>138683</td>
<td>6.00</td>
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<tr>
<td><strong>Falcon Concealed Rod Exit Device</strong></td>
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<tr>
<td>Falcon 1690 Exit Device (4)</td>
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<tr>
<td>Exit device.</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>HARDWARE + DOOR PREP</td>
<td>138652</td>
<td>585.00</td>
<td>600.00</td>
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<tr>
<td>FRAME PREP</td>
<td>138651</td>
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<tr>
<td>Falcon 1990 Concealed Rod Exit Device (4)</td>
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<tr>
<td>Crash bar exit device.</td>
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</tr>
<tr>
<td>Kawneer concealed exit device</td>
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<td></td>
<td></td>
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<tr>
<td>HARDWARE + DOOR PREP</td>
<td>138650</td>
<td>585.00</td>
<td>600.00</td>
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<tr>
<td>FRAME PREP</td>
<td>138651</td>
<td>35.00</td>
<td></td>
</tr>
<tr>
<td>Cylinder for Exit Devices (4)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(For use with Falcon 1690 and 1990 exit devices)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note: N/A with Paneline type exit devices.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KEYED INDIVIDUALLY</td>
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</tr>
</tbody>
</table>

(4) Available with InFrame with threshold only.
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

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### Concealed Exit Device Hardware Options

**Note:** Hardware + door preparation prices are per leaf. Double for pairs of doors.

| Hardware + door preparation prices are per leaf. Double for pairs of doors. |
| Part No. | #17 | #40 | #29 |

#### Adams Rite 8600 Concealed Rod Exit Device

<p>| Adams Rite 8600 Concealed Exit Device (4) |</p>
<table>
<thead>
<tr>
<th>HARDWARE + DOOR PREP</th>
<th>FRAME PREP</th>
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</thead>
<tbody>
<tr>
<td>031820</td>
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<tr>
<td>031826</td>
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</table>

#### Escutcheon Plate Cylinder Guard (4)

(For use with Adams Rite 8600 concealed exit devices, when cylinder is required.)

<p>| Escutcheon Plate Cylinder Guard (4) |</p>
<table>
<thead>
<tr>
<th>HARDWARE + DOOR PREP</th>
</tr>
</thead>
<tbody>
<tr>
<td>031819</td>
</tr>
</tbody>
</table>

#### Cylinder for Adams Rite 8600 (4)

Price includes: Hardware and door prep.

<p>| Cylinder for Adams Rite 8600 (4) |</p>
<table>
<thead>
<tr>
<th>KEYED INDIVIDUALLY</th>
<th>KEYED ALIKE (in groups of 50)</th>
</tr>
</thead>
<tbody>
<tr>
<td>138670</td>
<td>9.00</td>
</tr>
<tr>
<td>138672</td>
<td>9.00</td>
</tr>
</tbody>
</table>

(4) Available with InFrame with threshold only.

---

Notes:
1. Exit device options do not include the cylinders or pull handles. Select cylinders and pull handles separately.
2. Refer to the general information section for hardware color combinations.
3. Prices are for a 3’0” x 7’0” door leaf. For special size concealed exit devices use part 138667 and add $60.00 list per leaf.
Notes:
1. Exit device options do not include the cylinders or pull handles. Select cylinders and pull handles separately.
2. Refer to the general information section for hardware color combinations.
3. Prices are for a 3'0" wide door leaf. For special size rim exit devices use part 138668 and add $50.00 list per leaf.
4. Rim exit devices not compatible on center hung doors with standard frame offerings.

**Rim Exit Device Hardware Options**

**Note:** Hardware + door preparation prices are per leaf. Double for pairs of doors.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>#17</th>
<th>#40</th>
<th>#29</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Kawneer Rim Exit Device</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Kawneer 1786 Rim Exit Device**
Exit device with hex key dogging

- HARDWARE + DOOR PREP: 138835
  - $398.00
  - $408.00
- FRAME PREP (SINGLE DOOR): 138836
  - 35.00

**Kawneer 1786 Rim Exit Device**
Exit device with cylinder dogging

- HARDWARE + DOOR PREP: 138835CD
  - 553.00
  - 573.00
- FRAME PREP: 138836
  - 35.00

**Kawneer 1786 Lever Handle**

- HARDWARE + DOOR PREP: 138846
  - 220.00
  - 227.00

**Cylinder**
- KEYED INDIVIDUALLY: 138670
  - 9.00
  - 9.00
  - 9.00
- KEYED ALIKE (in groups of 50): 138672
  - 9.00
  - 9.00
  - 9.00
- DUMMY CYLINDER: 138683
  - 6.00
  - 6.00
  - 6.00

**RM-86 Removable Mullion**
(For use with pairs of 1786 rim exit devices.)

- FOR KAWNEER 1786 EXIT DEVICE
  - UP TO 7'0" HARDWARE: 133586
    - 904.00
    - 940.00
  - UP TO 8'0" HARDWARE: 133587
    - 926.00
    - 962.00
  - UP TO 10'0" HARDWARE: 133589
    - 1,002.00
    - 1,040.00
- FRAME PREP: 138837
  - 170.00

**Cylinder for Exit Devices**
(For use with Falcon 1690 and 1990 exit devices)

- KEYED INDIVIDUALLY: 138673
  - 12.00
  - 12.00
  - 12.00
- KEYED ALIKE (in groups of 50): 138674
  - 12.00
  - 12.00
  - 12.00
**Rim Exit Device Hardware Options**

**Note:** Hardware + door preparation prices are per leaf. Double for pairs of doors.

<table>
<thead>
<tr>
<th>Falcon Rim Exit Device</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Falcon 1790 Rim Exit Device</strong></td>
<td></td>
</tr>
<tr>
<td>Rim exit device.</td>
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</tr>
<tr>
<td>HARDWARE + DOOR PREP</td>
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</tr>
<tr>
<td>FRAME PREP (Single Door)</td>
<td>#40</td>
</tr>
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<td>FRAME PREP (Single Door)</td>
<td>#29</td>
</tr>
<tr>
<td>138657</td>
<td>$528.00</td>
</tr>
<tr>
<td>138655</td>
<td>$560.00</td>
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<td><strong>Falcon 2090 Rim Exit Device</strong></td>
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<tr>
<td>Crash bar exit device.</td>
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</tr>
<tr>
<td>(See page A2/16 for cylinder.)</td>
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</tr>
<tr>
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<td>#17</td>
</tr>
<tr>
<td>FRAME PREP (Single Door)</td>
<td>#40</td>
</tr>
<tr>
<td>FRAME PREP (Single Door)</td>
<td>#29</td>
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<td>138654</td>
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<td>$560.00</td>
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<td>138654</td>
<td>$590.00</td>
</tr>
<tr>
<td><strong>Falcon RM-170/RM-70 Removable Mullion</strong></td>
<td></td>
</tr>
<tr>
<td>(For use with pairs for 1790 &amp; 2090 rim exit devices.)</td>
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<tr>
<td>Price includes (2) interlocking mullion stabilizers maximum height of 8’’.</td>
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<tr>
<td>RM-170 for 1790 exit device</td>
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<td>RM-70 for 2090 exit device</td>
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<td>138658</td>
<td>170.00</td>
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<tr>
<td><strong>Cylinder for Exit Devices</strong></td>
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<tr>
<td>(For use with Falcon 1690 and 1990 exit devices)</td>
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<tr>
<td>Note: N/A with Paneline type exit devices.</td>
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</tr>
<tr>
<td>KEYED INDIVIDUALLY</td>
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</tr>
<tr>
<td>KEYED ALIKE (in groups of 50)</td>
<td>#40</td>
</tr>
<tr>
<td>KEYED ALIKE (in groups of 50)</td>
<td>#29</td>
</tr>
<tr>
<td>138673</td>
<td>12.00</td>
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<tr>
<td>138674</td>
<td>12.00</td>
</tr>
</tbody>
</table>
Notes:
1. Exit device options do not include the cylinders or pull handles. Select cylinders and pull handles separately.
2. Refer to the general information section for hardware color combinations.
3. Prices are for a 3’0” wide door leaf. For special size rim exit devices use part 138668 and add $50.00 list per leaf.
4. Rim exit devices not compatible on center hung doors with standard frame offerings.

Rim Exit Device Hardware Options

<p>| Note: Hardware + door preparation prices are per leaf double for pairs of doors. |</p>
<table>
<thead>
<tr>
<th>Part No.</th>
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<th>#40</th>
<th>#29</th>
</tr>
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<tbody>
<tr>
<td>Adams Rite 8400 Mortise Type Exit Device</td>
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<td>SINGLE</td>
<td>HARDWARE + DOOR PREP</td>
<td>031821</td>
<td>638.00</td>
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<tr>
<td>FRAME PREP</td>
<td>031829</td>
<td>35.00</td>
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<tr>
<td>Cylinder for Adams Rite 8400</td>
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<tr>
<td>Price includes: Hardware and door prep.</td>
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<tr>
<td>KEYED INDIVIDUALLY</td>
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<tr>
<td>KEYED ALIKE (in groups of 50)</td>
<td>138672</td>
<td>9.00</td>
<td>9.00</td>
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<tr>
<td>Strike Plate</td>
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<td></td>
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<tr>
<td>(For Adams Rite 8400)</td>
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<tr>
<td>HARDWARE + DOOR PREP</td>
<td>031822</td>
<td>58.00</td>
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</table>

(4) Available with InFrame with threshold only.
Notes:
1. Exit device options do not include the cylinders or pull handles. Select cylinders and pull handles separately.
2. Refer to the general information section for hardware color combinations.

### Exit Device Hardware Options

<table>
<thead>
<tr>
<th>Part No.</th>
<th>#17 GRP</th>
<th>#40 GRP</th>
<th>#29 GRP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paneline™ Exit Device (1) Includes Paneline™ concealed rod device. Paneline™ EL (Refer to Access Control section) Select CPN, CO-9 or CO-12 pull separately. Note: CO-9 and CO-12 not recommended for use on 190 narrow stile doors. (Price is for one leaf)</td>
<td>STD. 3’0” WIDTH DOOR LEAF HARDWARE + DOOR PREP</td>
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<tr>
<td>138659</td>
<td>$840.00</td>
<td>$880.00</td>
<td>$985.00</td>
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<tr>
<td>NON 3’0” WIDTH DOOR LEAF HARDWARE + DOOR PREP</td>
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<td></td>
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<tr>
<td>138660</td>
<td>915.00</td>
<td>955.00</td>
<td>1,060.00</td>
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<tr>
<td>SINGLE RX SWITCH</td>
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<tr>
<td>138690</td>
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<tr>
<td>DOUBLE RX SWITCH</td>
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<td>138691</td>
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<tr>
<td>FRAME PREP</td>
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<tr>
<td>138651</td>
<td>35.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paneline™ Exit Device (1) with Cylinder Dogging Includes Paneline™ concealed rod device and cylinder dogging assembly. Select CPN, CO-9 or CO-12 pull separately. Note: CO-9 and CO-12 not recommended for use on 190 narrow stile doors. (Price is for one leaf)</td>
<td>STD. 3’0” WIDTH DOOR LEAF HARDWARE + DOOR PREP</td>
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<tr>
<td>138659CD</td>
<td>990.00</td>
<td>1,030.00</td>
<td>1,135.00</td>
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<tr>
<td>NON 3’0” WIDTH DOOR LEAF HARDWARE + DOOR PREP</td>
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<tr>
<td>138660CD</td>
<td>1,065.00</td>
<td>1,105.00</td>
<td>1,210.00</td>
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<tr>
<td>Dummy Paneline™ Rail (3) Add to doors without locking hardware only. Price includes dummy rail assembly installed in door. Select CPN, CO-9 or CO-12 pull separately. Matches appearance of active panel in dogged position. (Price is for one leaf)</td>
<td>HARDWARE + DOOR PREP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>138661</td>
<td>492.00</td>
<td>518.00</td>
<td>580.00</td>
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### Price

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<tr>
<th>Part No.</th>
<th>#17</th>
<th>#40</th>
<th>#29</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylinder for Paneline™ Exit Device (3) Note: Use with Paneline™. KEYED INDIVIDUALLY</td>
<td>138679</td>
<td>12.00</td>
<td>12.00</td>
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<td>KEYED ALIKE (In groups of 50)</td>
<td>138680</td>
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<tr>
<td>Paneline™ Cylinder Guard (3) Note: For Paneline™ Exit Device with CPN pull.</td>
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<tr>
<td>138681</td>
<td>55.00</td>
<td>55.00</td>
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</table>

(3) Not applicable with InFrame interior framing.
### Custom Entrances and Hardware

**EFFECTIVE FEBRUARY 1, 2018**

**AUTO SHOWROOM ACCESSORIES, STANDARD AUTO SHOWROOM SPECIFICATIONS**

#### Auto Showroom Accessories

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<tr>
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<th>Price</th>
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<tr>
<td>138733</td>
<td>55.00 (NO FINISH)</td>
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<tr>
<td>138730</td>
<td>80.00 (NO FINISH)</td>
</tr>
<tr>
<td>138234</td>
<td>152.00 (NO FINISH)</td>
</tr>
</tbody>
</table>

- **Aluminum Riser Block**
  Standard for bi-fold door and large inactive door leaf.

- **Plastic Riser Block**
  Optional for bi-fold door and large inactive door leaf.

- **Caster**
  Optional for bi-fold door and large inactive door leaf.

- **Special Width Auto Showroom Door**
  For each additional 1' increment.

- **Auto Showroom Door Bottom Weathering**
  Variable to 5’0” for large inactive door leaf.

#### Standard Auto Showroom Specifications

**Swing Type Entrances**

- **Active Leaf** = 3'6" x 7'0" 190/350/500 active door leaf with style CO-9 push/pull hardware, 1 set butt hinges, MS lock, with cylinders, and surface closers.

- **Inactive Leaf** = 4'6" x 7'0" 190/350/500 inactive door leaf with flushbolts, riser block, and 1-1/2 pair butt hinges.

- **Framing** = TRIFAB™ VG 450 center frame with threshold.

**Note:**
- Maximum inactive door leaf width is 5’0”.

**Bi-Fold Type Entrances**

- **Active Leaf** = 3'0" x 7'0" 190/350/500 active door leaf with style CO-9 push/pull hardware, 1 set butt hinges, MS lock, with cylinders, and surface closers.

- **Inactive Leaf #1** = 3'0" x 7'0" 190/350/500 inactive door leaf #1 with flushbolts, riser block, and 1 continuous hinge.

- **Inactive Leaf #2** = 3'0" x 7'0" 190/350/500 inactive door leaf #2 with flushbolts, riser block, and 1-1/2 pair butt hinges.

- **Framing** = TRIFAB™ VG 450 center frame with threshold.

**Note:**
- 1/4" infill only.
- Offset pivots or continuous gear hinges optional.
- Door opening width to 9’0”.
- Overall frame height of 8’1-3/4” without transom.

**Maximum Allowable Sizes and Restrictions (This Page):**

- Door opening height to 8’0”.
- Overall frame height of 12’0” with transom.
- For hardware options not listed in the A2 section of the price book, please contact factory.
Auto Showroom Accessories

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
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<td>$80.00</td>
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<td>138234</td>
<td>$152.00</td>
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</tbody>
</table>

**Non-Impact Resistant Auto Showroom Specifications**

± 70 PSF Maximum Design Pressure

**BI-FOLD TYPE ENTRANCES**

Non-Impact Resistant Configuration Includes:

**Active Leaf** =
3’0” x 7’0” 350/500 active door leaf with style CO-9 push/pull hardware, 1 continuous hinge, MS lock + 3-point lock, with cylinders, and surface closers.

**Inactive Leaf #1** =
3’0” x 7’0” 350/500 inactive door leaf #1 with impact resistant flushbolts, riser block, and 1 continuous hinge.

**Inactive Leaf #2** =
3’0” x 7’0” 350/500 inactive door leaf #2 with impact resistant flushbolts, riser block, and 1 continuous hinge.

**Framing** =
TRIFAB™ VG 450 center frame with threshold.

**MAXIMUM ALLOWABLE SIZES AND RESTRICTIONS (THIS PAGE):**

- 1/4" infill dry glazed only.
- Door opening width to 10’0”.
- Door opening height to 8’0”.
- Active door 4’0” wide.

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kawneer.com
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

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Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

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Notes:
1. Push/pull prices are per leaf and include attachment screws and the preparation to the door.
2. For pairs of doors, (2) sets are required.
3. Refer to the general information section for hardware color combinations.

### Architects Classic Push/Pull Sets

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<thead>
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<tr>
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<tr>
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<td>Black Permanodic™</td>
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<td>Dark Bronze Permanodic™</td>
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<td>NO. 1</td>
</tr>
<tr>
<td>137740P</td>
<td>$276.00</td>
</tr>
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</table>

### Color Material Identification

<table>
<thead>
<tr>
<th>Material</th>
<th>Finish</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>Clear</td>
<td>#14</td>
</tr>
<tr>
<td></td>
<td>Anodized</td>
<td></td>
</tr>
<tr>
<td>Black</td>
<td>Permanodic™</td>
<td>#29</td>
</tr>
<tr>
<td>Dark</td>
<td>Bronze</td>
<td>#40</td>
</tr>
<tr>
<td>Stainless Steel</td>
<td>US 32</td>
<td>#45</td>
</tr>
<tr>
<td></td>
<td>US 32D</td>
<td></td>
</tr>
<tr>
<td>Bronze</td>
<td>US 10B</td>
<td>#44</td>
</tr>
<tr>
<td>Bright Brass</td>
<td>PVD (US 3)</td>
<td>#47</td>
</tr>
</tbody>
</table>

Notes:
1. Push/pull prices are per leaf and include attachment screws and the preparation to the door.
2. For pairs of doors, (2) sets are required.
3. Refer to the general information section for hardware color combinations.
Price Includes:
1. Fabrication of special frames.
2. (Door framing/sidelites/fixed areas, etc.).
3. Perimeter fasteners or preparation.
4. Perimeter receptors or sill flashing.
5. Brakes or special fillers.
6. Sash or sash attachment.
7. Assembly of frame.

Not included:
1. Glass stops.
2. Frame clips & screws (joint charges included).
3. Perimeter receptors or sill flashing.
4. Brakes or special fillers.
5. Sash or sash attachment.
6. Assembly of frame.

Pricing Notes:
1. Determine the total linear feet of framing required and multiply by the linear per foot charge of the framing members you select (to the next larger foot).
2. Add the frame preparation charges for any options required.
3. Consult architectural details for structural limitations.
4. For joints other than 90°, contact the factory for pricing.

### Trifab™ 400 Framing System (1-3/4" x 4")

#### Screw Spline

<table>
<thead>
<tr>
<th>Mullion</th>
<th>Head/Jamb</th>
<th>Horizontal</th>
<th>Sill</th>
<th>Expansion Mullion&lt;sup&gt;b&lt;/sup&gt;</th>
<th>Sill Flashing</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>4009111</td>
<td>4009112</td>
<td>4009113</td>
<td>4009114</td>
<td>4009115</td>
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<tr>
<td>#17 GRP</td>
<td>$18.16</td>
<td>$13.76</td>
<td>$21.51</td>
<td>$15.50</td>
<td>$19.86</td>
</tr>
<tr>
<td>#40 GRP</td>
<td>$19.12</td>
<td>$14.48</td>
<td>$22.64</td>
<td>$16.32</td>
<td>$20.91</td>
</tr>
<tr>
<td>#29 GRP</td>
<td>$21.41</td>
<td>$16.22</td>
<td>$25.36</td>
<td>$18.28</td>
<td>$23.42</td>
</tr>
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</table>

#### Shear Block

<table>
<thead>
<tr>
<th>Mullion</th>
<th>Head/Jamb</th>
<th>Horizontal</th>
<th>Sill</th>
<th>Expansion Mullion&lt;sup&gt;b&lt;/sup&gt;</th>
<th>Sill Flashing</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>4009117</td>
<td>4009118</td>
<td>4009119</td>
<td>4009114</td>
<td>4009115</td>
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<tr>
<td>#17 GRP</td>
<td>$13.92</td>
<td>$13.43</td>
<td>$19.48</td>
<td>$15.50</td>
<td>$19.86</td>
</tr>
<tr>
<td>#40 GRP</td>
<td>$14.65</td>
<td>$14.14</td>
<td>$20.51</td>
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<td>$20.91</td>
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<td>#29 GRP</td>
<td>$16.41</td>
<td>$15.84</td>
<td>$22.97</td>
<td>$18.28</td>
<td>$23.42</td>
</tr>
</tbody>
</table>

#### Special Moldings

<table>
<thead>
<tr>
<th>Door Jamb&lt;sup&gt;c&lt;/sup&gt;</th>
<th>Header/T-Bar&lt;sup&gt;c&lt;/sup&gt;</th>
<th>Standard Sidelite Base</th>
<th>Tall Sidelite Base</th>
<th>Built-up Sidelite Base</th>
<th>Std. 4&quot; Threshold</th>
<th>Optional 6-3/4&quot; Threshold</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>4009120</td>
<td>4009121</td>
<td>4009141</td>
<td>4009142</td>
<td>4009143</td>
<td>4009144</td>
</tr>
<tr>
<td>#17 GRP</td>
<td>$15.40</td>
<td>$20.81</td>
<td>$21.20</td>
<td>$26.58</td>
<td>$36.49</td>
<td>$6.12</td>
</tr>
<tr>
<td>#40 GRP</td>
<td>$16.21</td>
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<td>$27.98</td>
<td>$91.04</td>
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<tr>
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<td>$24.54</td>
<td>$25.00</td>
<td>$31.34</td>
<td>101.96</td>
<td>7.21</td>
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</tbody>
</table>

### Special Moldings

<table>
<thead>
<tr>
<th>0-25° Corner</th>
<th>90° Corner</th>
<th>135° Corner</th>
<th>Mull. Half for Var. Corner</th>
<th>4&quot; x 4-1/2&quot; Sidelite Base</th>
<th>Steel Reinforcing</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>4009122</td>
<td>4009123</td>
<td>4009124</td>
<td>4009125</td>
<td>4009126</td>
</tr>
<tr>
<td>#17 GRP</td>
<td>$29.92</td>
<td>$29.86</td>
<td>$30.26</td>
<td>$12.26</td>
<td>$28.07</td>
</tr>
<tr>
<td>#40 GRP</td>
<td>$31.49</td>
<td>$31.43</td>
<td>$31.85</td>
<td>$12.90</td>
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<td>#29 GRP</td>
<td>$35.27</td>
<td>$35.20</td>
<td>$35.67</td>
<td>$14.45</td>
<td>$33.10</td>
</tr>
</tbody>
</table>

(6) Steel reinforcement not available for expansion mullion.
(7) Specify S/A or D/A when ordering.
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

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Trifab™ VG 450 Framing System (1-3/4" x 4-1/2")

Price Includes:
1. Fabrication of special frames. (Door framing/sidelites/ fixed areas, etc.).
2. Applicable glass stops.
4. Frame clips & screws (joint charges included).
5. Framing is factory fabricated and shipped K.D.

Not included:
1. Perimeter fasteners or preparation.
2. Perimeter receptors or sill flashing.
3. Brakes or special fillers.
4. Sash or sash attachment.
5. Assembly of frame.

Pricing notes:
1. Determine the total linear feet of framing required and multiply by the linear per foot charge of the framing members you select (to the next larger foot).
2. Add the frame preparation charges for any options required.
3. Consult architectural details for structural limitations.
4. For joints other than 90° contact the factory for pricing.

---

**Screw Spline**

<table>
<thead>
<tr>
<th>Mullion</th>
<th>Head</th>
<th>Horizontal</th>
<th>Sill/Jamb</th>
<th>Expansion Mullion</th>
<th>Transom Head</th>
<th>Sill Flashing</th>
<th>HP Sill Flashing</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
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<tr>
<td>4509111</td>
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<td>4509114</td>
<td>4509115</td>
<td>4509118</td>
<td>4509147</td>
<td>4519148</td>
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<td>#17 GRP</td>
<td>$19.81</td>
<td>$16.57</td>
<td>$19.86</td>
<td>$15.46</td>
<td>$22.20</td>
<td>$14.44</td>
<td>$5.72</td>
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<tr>
<td>#40 GRP</td>
<td>20.85</td>
<td>17.44</td>
<td>20.91</td>
<td>16.27</td>
<td>23.37</td>
<td>15.20</td>
<td>6.46</td>
</tr>
<tr>
<td>#29 GRP</td>
<td>23.35</td>
<td>19.53</td>
<td>23.42</td>
<td>18.22</td>
<td>26.17</td>
<td>17.02</td>
<td>7.15</td>
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</tbody>
</table>

**Shear Block**

<table>
<thead>
<tr>
<th>Mullion</th>
<th>Head</th>
<th>Horizontal</th>
<th>Sill/Jamb</th>
<th>Expansion Mullion</th>
<th>Transom Head</th>
<th>Sill Flashing</th>
<th>HP Sill Flashing</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<td>4509117</td>
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<td>$15.77</td>
<td>$16.57</td>
<td>$19.86</td>
<td>$14.44</td>
<td>$22.20</td>
<td>$14.44</td>
<td>$5.72</td>
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<tr>
<td>#40 GRP</td>
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<td>17.44</td>
<td>20.91</td>
<td>15.20</td>
<td>23.37</td>
<td>15.20</td>
<td>6.46</td>
</tr>
<tr>
<td>#29 GRP</td>
<td>18.59</td>
<td>19.53</td>
<td>23.42</td>
<td>17.02</td>
<td>26.17</td>
<td>17.02</td>
<td>7.15</td>
</tr>
</tbody>
</table>

**Special Moldings**

**Door Jamb:**
- (7) Specify S/A or D/A when ordering.
- (8) Specify front or back glass plane when ordering.

<table>
<thead>
<tr>
<th>Door Jamb</th>
<th>Header/T-Bar</th>
<th>Front/Back</th>
<th>Front/Back</th>
<th>Standard Sidelite Base</th>
<th>Tall Sidelite Base</th>
<th>Built-up Sidelite Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>4509120</td>
<td>4509121</td>
<td>4509170</td>
<td>4509114</td>
<td>4509141</td>
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<td>17.16</td>
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<td>28.24</td>
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<td>26.23</td>
<td>23.13</td>
<td>30.14</td>
<td>25.00</td>
<td>31.34</td>
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</table>

**0-25° Corner**

<table>
<thead>
<tr>
<th>0-25° Corner</th>
<th>90° Corner</th>
<th>135° Corner</th>
<th>Mull. Half for Var. Corner</th>
<th>4-1/2&quot; x 4-1/2&quot; Sidelite Base</th>
<th>Steel Reinforcing</th>
<th>Std. 4&quot; Threshold</th>
<th>Optional 6-3/4&quot; Threshold</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>4509122</td>
<td>4509124</td>
<td>4509125</td>
<td>4509126</td>
<td>4509110</td>
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<tr>
<td>#40 GRP</td>
<td>35.61</td>
<td>33.97</td>
<td>34.09</td>
<td>34.52</td>
<td>(Primed)</td>
<td>(#10 Mill)</td>
<td>(#10 Mill)</td>
</tr>
<tr>
<td>#29 GRP</td>
<td>39.88</td>
<td>38.05</td>
<td>38.18</td>
<td>38.66</td>
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</tr>
</tbody>
</table>
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

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### Trifab™ VG 451 Framing System (2" x 4-1/2")

#### Screw Spline

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Mullion</th>
<th>Head</th>
<th>Horizontal</th>
<th>Sill/Jamb</th>
<th>Expansion Mullion</th>
<th>Transom Head</th>
<th>Sill Flashing</th>
<th>HP Sill Flashing</th>
</tr>
</thead>
<tbody>
<tr>
<td>#17 GRP</td>
<td>$20.18</td>
<td>$17.15</td>
<td>$20.28</td>
<td>$16.20</td>
<td>$23.31</td>
<td>$15.34</td>
<td>$5.72</td>
<td>$8.85</td>
</tr>
<tr>
<td>#40 GRP</td>
<td>$21.24</td>
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<td>$21.35</td>
<td>$17.05</td>
<td>$24.54</td>
<td>$16.15</td>
<td>$6.46</td>
<td>9.72</td>
</tr>
<tr>
<td>#29 GRP</td>
<td>$23.79</td>
<td>$20.22</td>
<td>$23.91</td>
<td>$19.10</td>
<td>$27.48</td>
<td>$18.09</td>
<td>$7.15</td>
<td>10.53</td>
</tr>
</tbody>
</table>

#### Shear Block

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Mullion</th>
<th>Head</th>
<th>Horizontal</th>
<th>Sill/Jamb</th>
<th>Expansion Mullion</th>
<th>Transom Head</th>
<th>Sill Flashing</th>
<th>HP Sill Flashing</th>
</tr>
</thead>
<tbody>
<tr>
<td>#17 GRP</td>
<td>$16.46</td>
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<td>$20.28</td>
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<td>$23.31</td>
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<td>$16.15</td>
<td>$24.54</td>
<td>$16.15</td>
<td>$6.46</td>
<td>9.72</td>
</tr>
<tr>
<td>#29 GRP</td>
<td>$19.41</td>
<td>$20.22</td>
<td>$23.91</td>
<td>$18.09</td>
<td>$27.48</td>
<td>$18.09</td>
<td>$7.15</td>
<td>10.53</td>
</tr>
</tbody>
</table>

#### Special Moldings

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Door Jamb</th>
<th>Header/ T-bar</th>
<th>Front/Back</th>
<th>Front/Back</th>
<th>Standard Sidelite Base</th>
<th>Tall Sidelite Base</th>
<th>Built-up Sidelite Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>#17 GRP</td>
<td>$16.94</td>
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<td>$26.54</td>
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<td>$30.41</td>
<td>$31.34</td>
<td>101.96</td>
<td>7.21</td>
</tr>
</tbody>
</table>

#### Pricing notes:

1. Determine the total linear feet of framing required and multiply by the linear per foot charge of the framing members you select (to the next larger foot).
2. Add the frame preparation charges for any options required.
3. Consult architectural details for structural limitations.
4. For joints other than 90°, contact the factory for pricing.

---

**Price Includes:**
1. Fabrication of special frames. (Door framing/sidelites/fixed areas, etc.).
2. Applicable glass stops.
4. Frame clips & screws (joint charges included).
5. Framing is factory fabricated and shipped K.D.

**Not included:**
1. Perimeter fasteners or preparation.
2. Perimeter receptors or sill flashing.
3. Brakes or special fillers.
4. Sash or sash attachment.
5. Assembly of frame.

**Pricing:**

- **Trifab™ VG 451 Framing System (2" x 4-1/2")**
- **Screw Spline**
- **Shear Block**
- **Special Moldings**

---

**Add for each 3" over 10" per foot.**

---

### Pricing Notes:

1. **(7)** Specify S/A or D/A when ordering.
2. **(8)** Specify front or back glass plane when ordering.
3. **(9)** To substitute silicone setting blocks, use part number 138016, and add $1.00 per foot.
4. **(10)** To substitute silicone setting blocks, use part number 138017, and add $3.00 per foot.
5. **(11)** To substitute silicone setting blocks, use part number 138018, and add $4.40 per foot.
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

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**Trifab™ VG 450 Framing System (1-3/4" x 4-1/2" Center)**

<table>
<thead>
<tr>
<th>Price Includes:</th>
<th>Not included:</th>
<th>Pricing notes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Fabrication of special frames. (Door framing/sidelites/fixed areas, etc.). 2. Applicable glass stops. 3. Glazing gaskets. 4. Frame clips &amp; screws (joint charges included). 5. Framing is factory fabricated and shipped K.D.</td>
<td>1. Perimeter fasteners or preparation. 2. Perimeter receptors or sill flashing. 3. Brakes or special fillers. 4. Sash or sash attachment. 5. Assembly of frame.</td>
<td>1. Determine the total linear feet of framing required and multiply by the linear per foot charge of the framing members you select (to the next larger foot). 2. Add the frame preparation charges for any options required. 3. Consult architectural details for structural limitations. 4. For joints other than 90° contact the factory for pricing.</td>
</tr>
</tbody>
</table>

### Screw Spline

<table>
<thead>
<tr>
<th>Jamb</th>
<th>Mullion</th>
<th>Head</th>
<th>Horizontal</th>
<th>Sill</th>
<th>HP Sill Flashing</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>4509154</td>
<td>4509111</td>
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<td>20.91</td>
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<td>20.50</td>
<td>23.42</td>
<td>18.22</td>
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</table>

### Shear Block

<table>
<thead>
<tr>
<th>Door Jamb</th>
<th>Door Jamb w/Pocket Filler</th>
<th>Header/T-Bar</th>
<th>Header/T-Bar</th>
</tr>
</thead>
<tbody>
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<td>PART NO.</td>
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<td>29.38</td>
</tr>
</tbody>
</table>

### Special Molding

<table>
<thead>
<tr>
<th>Mullion Steel Reinforcing</th>
<th>Door Jamb Steel Reinforcing</th>
<th>Door Jamb Steel Reinforcing</th>
<th>Std. 4&quot; Threshold</th>
<th>4-1/2&quot; x 4-1/2&quot; Jamb</th>
<th>4-1/2&quot; x 4-1/2&quot; Mullion</th>
<th>4-1/2&quot; x 4-1/2&quot; Horizontal</th>
<th>4-1/2&quot; x 4-1/2&quot; Sill</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>4509110</td>
<td>4509156</td>
<td>4509157</td>
<td>4509145</td>
<td>4509158</td>
<td>4509159</td>
<td>4509160</td>
</tr>
<tr>
<td>#17 GRP</td>
<td>$35.00</td>
<td>$53.00</td>
<td>$57.00</td>
<td>$4.36</td>
<td>$31.52</td>
<td>$32.27</td>
<td>$39.35</td>
</tr>
<tr>
<td>#40 GRP</td>
<td>(Primed)</td>
<td>(Primed)</td>
<td>(Primed)</td>
<td>(#10 Mill)</td>
<td>33.29</td>
<td>33.97</td>
<td>41.42</td>
</tr>
<tr>
<td>#29 GRP</td>
<td>37.29</td>
<td>38.55</td>
<td>46.39</td>
<td>38.66</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(12) Pick up shim backer from section C1 page C1A/14.

(13) For single acting doors only.
Price Includes:
1. Fabrication of special frames.
   (Door framing/sidelites/fixed areas, etc.).
2. Applicable glass stops.
4. Frame clips & screws (joint charges included).
5. Framing is factory fabricated and shipped K.D.

Not included:
1. Perimeter fasteners or preparation.
2. Perimeter receptors or sill flashing.
3. Brakes or special fillers.
4. Sash or sash attachment.
5. Assembly of frame.

Custom Entrances and Hardware

Trifab™ VG 451 Framing System (2" x 4-1/2" Center)

Screw Spline

<table>
<thead>
<tr>
<th>Jamb</th>
<th>Mullion</th>
<th>Head</th>
<th>Horizontal</th>
<th>Sill</th>
<th>HP Sill Flashing</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>4519154</td>
<td>4519111</td>
<td>4519149</td>
<td>4519119</td>
<td>4519114</td>
</tr>
<tr>
<td>#17 GRP</td>
<td>$17.29</td>
<td>$20.19</td>
<td>$18.30</td>
<td>$20.28</td>
<td>$16.20</td>
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<tr>
<td>#40 GRP</td>
<td>18.19</td>
<td>21.24</td>
<td>19.26</td>
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<td>17.05</td>
</tr>
<tr>
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<td>20.38</td>
<td>23.79</td>
<td>21.57</td>
<td>23.91</td>
<td>19.10</td>
</tr>
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</table>

Special Moldings

- Door Jamb: $20.33, $21.18, $25.22, $33.55
- Door Jamb w/ Pocket Filler: $21.40, $22.29, $26.54, $35.30
- Header/ T-Bar: $23.96, $24.96, $29.72, $39.53

Special Moldings

- Mullion Steel Reinforcing: $35.00, $37.15, $43.96
- Door Jamb Steel Reinforcing: $36.50, $38.67, $46.39
- Door Jamb Steel Reinforcing: $4.36, $31.52, $32.80
- Std. 4" Threshold: $33.17, $34.53, $41.42
- 4-1/2" x 4-1/2" Jamb: $37.15, $38.67, $46.39
- 4-1/2" x 4-1/2" Mullion: $39.35, $39.35, $39.35
- 4-1/2" x 4-1/2" Horizontal: $41.42, $41.42, $41.42
- 4-1/2" x 4-1/2" Sill: $43.52, $43.52, $43.52

(9) To substitute silicone setting blocks, use part number 138016, and add $1.00 per foot.
(10) To substitute silicone setting blocks, use part number 138017, and add $3.00 per foot.
(11) To substitute silicone setting blocks, use part number 138018, and add $4.40 per foot.
(13) For Single Acting doors only.
(14) Pick up shim from section C2, page C2/16.
Kawneer Company, Inc.

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Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

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Custom Entrances and Hardware

TRIFAB™ VG 451T Framing System (2" x 4-1/2")

HIGH VELOCITY HURRICANE ZONE NON-IMPACT APPLICATIONS

Price Includes:
1. Fabrication of special frames.
   (Door framing/sidelites/fixtured areas, etc.).
2. Applicable glass stops.
4. Frame clips & screws (joint charges included).
5. Framing is factory fabricated and shipped K.D.

Not included:
1. Perimeter fasteners or preparation.
2. Perimeter receptors or sill flashing.
3. Brakes or special fillers.
4. Sash or sash attachment.
5. Assembly of frame.

Pricing notes:
1. Determine the total linear feet of framing required and multiply by the linear per foot charge of the framing members you select (to the next larger foot).
2. Add the frame preparation charges for any options required.
3. Consult architectural details for structural limitations.
4. For joints other than 90°, contact the factory for pricing.

Trifab™ VG 451T Framing System (2" x 4-1/2")

Screw Spline

<table>
<thead>
<tr>
<th>Mullion</th>
<th>Head</th>
<th>Horizontal</th>
<th>Sill/Jamb</th>
<th>Expansion</th>
<th>Mullion</th>
<th>Transom</th>
<th>Thermal Sill</th>
<th>Thermal HP Sill</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4529111</td>
<td>4529112</td>
<td>4529119</td>
<td>4529114</td>
<td>4529115</td>
<td>4529118</td>
<td>4529147</td>
<td>4529148</td>
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<tr>
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<td>$28.67</td>
<td>$19.20</td>
<td>$9.45</td>
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<tr>
<td>#40 GRP</td>
<td>$26.38</td>
<td>$20.79</td>
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<td>$20.23</td>
<td>$30.18</td>
<td>$20.22</td>
<td>$10.35</td>
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<td>#29 GRP</td>
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<td>$26.11</td>
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<td>$33.80</td>
<td>$22.64</td>
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<td>$12.53</td>
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</table>

Shear Block

<table>
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<th>Head</th>
<th>Horizontal</th>
<th>Sill/Jamb</th>
<th>Expansion</th>
<th>Mullion</th>
<th>Transom</th>
<th>Thermal Sill</th>
<th>Thermal HP Sill</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
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<td>4529114</td>
<td>4529115</td>
<td>4529114</td>
<td>4529147</td>
<td>4529148</td>
<td></td>
</tr>
<tr>
<td>#40 GRP</td>
<td>$19.91</td>
<td>$20.79</td>
<td>$23.31</td>
<td>$20.23</td>
<td>$30.18</td>
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<td>#29 GRP</td>
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<td>$33.80</td>
<td>$22.64</td>
<td>$11.20</td>
<td>$12.53</td>
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Special Moldings

<table>
<thead>
<tr>
<th>Door Jamb</th>
<th>Header/</th>
<th>Front/Back Door</th>
<th>Std. 4&quot;</th>
<th>Optional 6-3/4&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>T-Bar</td>
<td>T-Bar</td>
<td>Threshold</td>
<td>Threshold</td>
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<tr>
<td>4519120</td>
<td>4519121</td>
<td>4519170</td>
<td>4519171</td>
<td>4509145</td>
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<td>$21.22</td>
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<td>$23.70</td>
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</table>

<table>
<thead>
<tr>
<th>0-25° Corner</th>
<th>90° Corner</th>
<th>135° Corner</th>
<th>Mull. Half for Var. Corner</th>
<th>4-1/2&quot; x 4-1/2&quot; Sidelite Base (non-thermal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4529122</td>
<td>4529123</td>
<td>4529124</td>
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<td>4519126</td>
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<td>$38.37</td>
<td>$37.28</td>
<td>$37.05</td>
<td>$16.45</td>
</tr>
<tr>
<td>#40 GRP</td>
<td>$40.39</td>
<td>$39.24</td>
<td>$39.00</td>
<td>$17.32</td>
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<td>#29 GRP</td>
<td>$45.24</td>
<td>$43.95</td>
<td>$43.68</td>
<td>$19.40</td>
</tr>
</tbody>
</table>

(7) Specify S/A or D/A when ordering.
(8) Specify front or back glass plane when ordering.
(9) To substitute silicone setting blocks, use part number 138016, and add $1.00 per foot.
(10) To substitute silicone setting blocks, use part number 138017, and add $3.00 per foot.
(11) To substitute silicone setting blocks, use part number 138018, and add $4.40 per foot.
(15) Non-thermal door jambs and T-Bars are the standard application for immediate door frames.
Price Includes:
1. Fabrication of door frames.
2. (Door framing/sidelites/fixed areas, etc.).
4. Frame clips & screws (joint charges included).
5. Framing is factory fabricated and shipped K.D.

Not included:
1. Perimeter fasteners or preparation.
2. Perimeter receptors or sill flashing.
3. Brakes or special fillers.
4. Sash or sash attachment.
5. Assembly of frame.

Pricing notes:
1. Determine the total linear feet of framing required and multiply by the linear per foot charge of the framing members you select (to the next larger foot).
2. Add the frame preparation charges for any options required.
3. Consult architectural details for structural limitations.
4. For joints other than 90°, contact the factory for pricing.

Trifab™ 601 Framing Systems (2” x 6” Non-Thermal Frames)

Screw Spline

<table>
<thead>
<tr>
<th>Mullion</th>
<th>Mullion</th>
<th>Head</th>
<th>Horizontal</th>
<th>Sill/Jamb</th>
<th>Expansion</th>
<th>HP Sill</th>
<th>Flashing</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2-1/4” x 6”)</td>
<td>(2-1/4” x 6”)</td>
<td>(Outside Glazed)</td>
<td>(Outside Glazed)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PART NO.</td>
<td>6019111</td>
<td>6019139</td>
<td>6019134</td>
<td>6019135</td>
<td>6019119</td>
<td>6019124</td>
<td>6019114</td>
</tr>
<tr>
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<td>$25.00</td>
<td>$23.50</td>
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<td>$21.59</td>
<td>$23.00</td>
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<tr>
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<td>$28.50</td>
<td>$26.79</td>
<td>$21.80</td>
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<td>$26.22</td>
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<td>$22.52</td>
</tr>
<tr>
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<td>$24.77</td>
<td>$39.50</td>
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</table>

Trifab™ 601T Framing Systems (2” x 6” Thermally Broken Frames)

Screw Spline

<table>
<thead>
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<th>Mullion</th>
<th>Mullion</th>
<th>Head</th>
<th>Horizontal</th>
<th>Sill/Jamb</th>
<th>Expansion</th>
<th>HP Sill</th>
<th>Flashing</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2-1/4” x 6”)</td>
<td>(2-1/4” x 6”)</td>
<td>(Outside Glazed)</td>
<td>(Outside Glazed)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PART NO.</td>
<td>601T9111</td>
<td>601T9139</td>
<td>601T9134</td>
<td>601T9135</td>
<td>601T9119</td>
<td>601T9124</td>
<td>601T9114</td>
</tr>
<tr>
<td>#17 GRP</td>
<td>$26.25</td>
<td>$25.25</td>
<td>$21.66</td>
<td>$24.10</td>
<td>$24.00</td>
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<tr>
<td>#40 GRP</td>
<td>$29.93</td>
<td>$28.79</td>
<td>$24.69</td>
<td>$27.47</td>
<td>$27.36</td>
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<td>$27.16</td>
<td>$30.22</td>
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<td>$31.35</td>
<td>$26.02</td>
</tr>
</tbody>
</table>

Trifab™ 601UT Framing Systems (2” x 6” Thermally Broken Frames)

Screw Spline

<table>
<thead>
<tr>
<th>Mullion</th>
<th>Mullion</th>
<th>Head</th>
<th>Horizontal</th>
<th>Sill/Jamb</th>
<th>Expansion</th>
<th>HP Sill</th>
<th>Flashing</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2-1/4” x 6”)</td>
<td>(2-1/4” x 6”)</td>
<td>(Outside Glazed)</td>
<td>(Outside Glazed)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PART NO.</td>
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<td>601UT9139</td>
<td>601UT9134</td>
<td>601UT9135</td>
<td>601UT9119</td>
<td>601UT9124</td>
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<td>$24.50</td>
<td>$25.75</td>
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</tr>
<tr>
<td>#40 GRP</td>
<td>$30.78</td>
<td>$29.64</td>
<td>$26.17</td>
<td>$29.13</td>
<td>$27.93</td>
<td>$29.36</td>
<td>$24.51</td>
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<tr>
<td>#29 GRP</td>
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<td>$30.10</td>
<td>$32.29</td>
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Trifab™ 601/601T/601UT Framing Systems (2” x 6” Center)

Special Moldings

<table>
<thead>
<tr>
<th>Heavy Mullion</th>
<th>Heavy Mullion</th>
<th>Heavy Mullion</th>
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</thead>
<tbody>
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<tr>
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<td>$45.95</td>
<td>$48.25</td>
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</tbody>
</table>
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### Trifab™ 601 Door Frames (2" x 6" Non-Thermal Frames)

#### Special Moldings

<table>
<thead>
<tr>
<th>Door Jamb (16)</th>
<th>Door Jamb (17)</th>
<th>Door Jamb (18)</th>
<th>Header/T-Bar (19)</th>
<th>Header/T-Bar (20)</th>
<th>Header/T-Bar (21)</th>
<th>Std. 4&quot; Threshold</th>
<th>Optional 6-3/4&quot; Threshold</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
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### Trifab™ 601T/601UT Door Frames (2" x 6" Thermally Broken Frames)

#### Special Moldings

<table>
<thead>
<tr>
<th>Door Jamb (16)</th>
<th>Door Jamb (17)</th>
<th>Door Jamb (18)</th>
<th>Header/T-Bar (19)</th>
<th>Header/T-Bar (20)</th>
<th>Header/T-Bar (21)</th>
<th>Std. 4&quot; Threshold</th>
<th>Optional 6-3/4&quot; Threshold</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>601T9130</td>
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<td>$38.96</td>
<td>$31.76</td>
<td>$32.93</td>
<td>$34.96</td>
<td>$19.22 (#10 Mill)</td>
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<td>48.86</td>
<td>39.83</td>
<td>41.29</td>
<td>43.84</td>
<td></td>
</tr>
</tbody>
</table>

(16) Door jamb with aluminum snap-in door stop for 1-3/4" door depths.
(17) Door jamb with non-conductive door stop with aluminum snap-on cover for 1-3/4" door depths.
(18) T-bar/Header with aluminum snap-in door stop for 1-3/4" door depths and surface mounted closers.
(19) T-bar/Header with non-conductive door stop with aluminum snap-on cover for 1-3/4" door depths and surface mounted closers.
(20) Door jamb with non-conductive door stop with aluminum snap-on cover for 2-1/4" door depths.
(21) T-bar/Header with non-conductive door stop with aluminum snap-on cover for 2-1/4" door depths and surface mounted closers.

### Price Includes:
1. Fabrication of door frames.
2. Applicable glass stops.
4. Frame clips & screws (joint charges included).
5. Framing is factory fabricated and shipped K.D.

### Not included:
1. Perimeter fasteners or preparation.
2. Perimeter receptors or sill flashing.
3. Brakes or special fillers.
4. Sash or sash attachment.
5. Assembly of frame.

### Pricing notes:
1. Determine the total linear feet of framing required and multiply by the linear per foot charge of the framing members you select (to the next larger foot).
2. Add the frame preparation charges for any options required.
3. Consult architectural details for structural limitations.
4. For joints other than 90°, contact the factory for pricing.
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

---

**Price Includes:**
1. Fabrication of special frames. (Door framing/sidelites/bottoms, etc.).
2. Applicable glass stops.
4. Frame clips & screws (joint charges included).
5. Framing is factory fabricated and shipped K.D.

---

**EnCORE™ Framing System** (22) (1-3/4” x 4-1/2”)
Specify front glaze or center glaze system, and glazing thickness at ordering time.

**Special Moldings**

<table>
<thead>
<tr>
<th>Door Jamb (1 piece)</th>
<th>Door Jamb (1) (Mullion with adaptor)</th>
<th>Header/ T-Bar (25)</th>
<th>Std. 4” Threshold</th>
<th>Optional 6-3/4” Threshold</th>
<th>Head/Sill/Jamb (Front set)</th>
<th>Mullion (Front set)</th>
<th>Sill Flashing</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>150450</td>
<td>150451</td>
<td>150452</td>
<td>4509145</td>
<td>4509146</td>
<td>150453</td>
<td>150465</td>
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<tr>
<td>#17 GRP</td>
<td>$19.38</td>
<td>$23.79</td>
<td>$21.88</td>
<td>$4.36 (#10 Mill)</td>
<td>$10.02 (#10 Mill)</td>
<td>$15.88</td>
<td>$17.93</td>
</tr>
<tr>
<td>#40 GRP</td>
<td>20.40</td>
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<td>23.03</td>
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<tr>
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<td>25.79</td>
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<td>21.09</td>
<td>6.84</td>
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**EnCORE™ Framing System** (22) (1-3/4” x 4-1/2”)
Specify front glaze or center glaze system, and glazing thickness at ordering time.

**Special Moldings**

<table>
<thead>
<tr>
<th>Head/Sill/Jamb (Center set)</th>
<th>Mullion (Center set)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>150455</td>
</tr>
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<td>#17 GRP</td>
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<tr>
<td>#40 GRP</td>
<td>27.05</td>
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<tr>
<td>#29 GRP</td>
<td>30.30</td>
</tr>
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</table>

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**EnCORE™ Framing System** (22) (1-3/4” x 6”)
Specify glazing thickness at ordering time.

**Special Moldings**

<table>
<thead>
<tr>
<th>Door Jamb (1) (Mullion with adaptor)</th>
<th>Header/ T-Bar (25)</th>
<th>Std. 4” Threshold</th>
<th>Optional 6-3/4” Threshold</th>
<th>Head/Sill/Jamb (Front set)</th>
<th>Mullion (Front set)</th>
<th>Sill Flashing</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>150455</td>
<td>150456</td>
<td>4509145</td>
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<td>150457</td>
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<td>#40 GRP</td>
<td>27.05</td>
<td>26.33</td>
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<tr>
<td>#29 GRP</td>
<td>30.30</td>
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<td>22.46</td>
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---

(7) Specify S/S or D/A when ordering.
(22) EnCORE 1/4” glazed door frames utilize 1” version with adaptors.
(24) One-piece door jambs are the standard application for immediate door frames.
(25) To substitute silicone setting blocks, use part number 138019, and add $2.30 per foot.
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

1600 Wall System Door Frames Specify glazing thickness at ordering time.

**Special Moldings**

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<thead>
<tr>
<th>1600 SY 1</th>
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<th>1600 SY 1</th>
<th>1600 SY 1</th>
<th>1600 SY 1</th>
<th>1600 LR</th>
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</thead>
<tbody>
<tr>
<td>Door Jamb/</td>
<td>Door Jamb/</td>
<td>Door Header</td>
<td>Door Jamb</td>
<td>Door Header</td>
<td>Door Jamb</td>
</tr>
<tr>
<td>Header/T-bar</td>
<td>Header/T-bar</td>
<td>(7)/(23)</td>
<td>(7)/(23)</td>
<td>(7)/(23)</td>
<td>(7)/(23)</td>
</tr>
<tr>
<td>(Flush adaptor)</td>
<td>(162038 door transom - use w/162810)</td>
<td>(3/4&quot; non-flush vertical adaptor)</td>
<td>(TF450 door transom - use w/162811)</td>
<td>Std. 4&quot;</td>
<td>Optional 6-3/4&quot;</td>
</tr>
<tr>
<td>PART NO.</td>
<td>162810</td>
<td>162813</td>
<td>162812</td>
<td>162811</td>
<td>4509121</td>
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<tr>
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<td>14.65</td>
<td>31.11</td>
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<td>26.23</td>
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</table>

**InFrame™ INTERIOR FRAMING SYSTEM (2" x 6")**

**Screw Spline**

<table>
<thead>
<tr>
<th>Mullion</th>
<th>Mullion</th>
<th>Partition Mullion (2 piece)</th>
<th>Horizontal</th>
<th>Partition Mullion (2 piece)</th>
<th>Horizontal</th>
<th>Horizontal</th>
<th>Sill</th>
<th>4&quot; Sidelite Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>5309111</td>
<td>5309141</td>
<td>5309140</td>
<td>5309114</td>
<td>5309119</td>
<td>5309132</td>
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<tr>
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<td>$24.00</td>
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<td>23.10</td>
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<td>26.40</td>
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<td>21.45</td>
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<td>25.87</td>
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**Special Moldings**

<table>
<thead>
<tr>
<th>Door Jamb (2 piece)</th>
<th>Partition Door Jamb (2 piece)</th>
<th>Header</th>
<th>Common Door Jamb</th>
<th>Header / T-bar</th>
<th>Deep Pocket Filler</th>
<th>Partition Deep Pocket Filler</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>5309143</td>
<td>5309142</td>
<td>5309121</td>
<td>5309150</td>
<td>5309152</td>
<td>5309155</td>
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<td>29.88</td>
<td>30.49</td>
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<td>41.89</td>
<td>29.57</td>
<td>8.63</td>
</tr>
</tbody>
</table>

(7) Specify S/S or D/A when ordering.
(22) EnCORE 1/4" glazed door frames utilize 1" version with adaptors.
(23) For LCN or surface closers only.
(24) One-piece door jambs are the standard application for immediate door frames.
(25) To substitute silicone setting blocks, use part number 138019, and add $2.30 per foot.
(26) To substitute silicone setting blocks, use part number 138020, and add $1.45 per foot.
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For Calibre™ International Closers

<table>
<thead>
<tr>
<th>Header Package</th>
<th>3'0&quot; Singles</th>
<th>6'0&quot; Pairs</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>TRIFAB™ 400</td>
<td>TRIFAB™ VG 450</td>
</tr>
<tr>
<td>#17 GRP</td>
<td>$174.00</td>
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<tr>
<td>#40 GRP</td>
<td>183.00</td>
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<tr>
<td>#29 GRP</td>
<td>205.00</td>
<td>217.00</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Transom Bar Package</th>
<th>3'0&quot; Singles</th>
<th>6'0&quot; Pairs</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>TRIFAB™ 400</td>
<td>TRIFAB™ VG 450</td>
</tr>
<tr>
<td>#17 GRP</td>
<td>$178.00</td>
<td>$188.00</td>
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<td>#40 GRP</td>
<td>187.00</td>
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<tr>
<td>#29 GRP</td>
<td>210.00</td>
<td>221.00</td>
</tr>
</tbody>
</table>

Notes:

1. Not for use with finger guards.

Special Size Charge:

1. No charge - for single transom/header packages under 3'0", 150650 (NO CHARGE).
2. Add - for single transom/header packages over 3'0" up to 4'0", 150651 $22.00.
3. Add - for pairs transom/header packages over 6'0", 150652 $45.00.

Prep Charge:

1. To prep for concealed rod exit device, use part number 138651 and add $35.00.
2. To prep for controller, use part number 138117 and add $30.00.
3. To prep for 3-point lock, use part number 138133 and add $30.00.

Optional:

1. Delete threshold, use part 031100 and delete $(21.00) Single.
2. Delete threshold, use part 031101 and delete $(38.00) Pair.
3. To substitute silicone setting blocks, use part number 138018, and add $4.40.
4. To prep for thresholds by others, use part number 031099, and add $67.00.
Price Includes:
1. Fabricated transom bar / header.
2. Mounting tray.
4. Weathering.
5. Threshold.
6. Frame and closer mounting clips.
7. Screws.

Note: Select closer from page A3/6.

**For S/A Offset Arm Closers**

<table>
<thead>
<tr>
<th>Offset Pivot Header Package</th>
<th>3'0&quot; Singles</th>
<th>6'0&quot; Pairs</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>TRIFAB™ 400</td>
<td>TRIFAB™ VG 450</td>
</tr>
<tr>
<td>#17 GRP</td>
<td>$227.00</td>
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</tr>
<tr>
<td>#40 GRP</td>
<td>238.00</td>
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</tr>
<tr>
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<td>267.00</td>
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<table>
<thead>
<tr>
<th>Butt Hung Header Package</th>
<th>PART NO.</th>
<th>400660 RH</th>
<th>450660 RH</th>
<th>451660 RH</th>
<th>400664</th>
<th>450664</th>
<th>451664</th>
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<tbody>
<tr>
<td>#17 GRP</td>
<td>$230.00</td>
<td>$243.00</td>
<td>$253.00</td>
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<td>$315.00</td>
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<tr>
<td>#40 GRP</td>
<td>242.00</td>
<td>255.00</td>
<td>266.00</td>
<td>314.00</td>
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<tr>
<td>#29 GRP</td>
<td>272.00</td>
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<td>387.00</td>
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<table>
<thead>
<tr>
<th>Offset Pivot Transom Bar Package</th>
<th>3'0&quot; Singles</th>
<th>6'0&quot; Pairs</th>
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</thead>
<tbody>
<tr>
<td>PART NO.</td>
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<tr>
<td>#17 GRP</td>
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<table>
<thead>
<tr>
<th>Butt Hung Transom Bar Package</th>
<th>PART NO.</th>
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<th>451665 RH</th>
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<td>379.00</td>
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</table>

**Heavy Wall Transom Bars**

<table>
<thead>
<tr>
<th>Offsets Pivot Transom Bar Package</th>
<th>Singles over 3’6”, pairs over 7’0”, high velocity hurricane zones non-impact.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO.</td>
<td>TRIFAB™ 40835 RH</td>
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<tr>
<td>#17 GRP</td>
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</tr>
<tr>
<td>Butt Hung Transom Bar Package</td>
<td>Singles over 3’6”, pairs over 7’0”, high velocity hurricane zones non-impact.</td>
</tr>
<tr>
<td>PART NO.</td>
<td>TRIFAB™ 40837 RH</td>
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</table>

Special Size Charge: 1. No charge - for single transom/header packages under 3'0", 150656 (NO CHARGE).
2. Add - for single transom/header packages over 3'0" up to 4'0", 150657 $22.00.
3. Add - for pairs transom/header packages over 6'0", 150658 $45.00.

Prep Charge: 1. To prep for concealed rod exit device, use part number 138117 and add $30.00.
2. To prep for controller, use part number 138185 and add $30.00.
3. To prep for 3-point lock, use part number 138133 and add $30.00.
4. To prep for thresholds by others, use part number 031099, and add $67.00.

2. Delete threshold, use part 031101 and delete $38.00. Pair.
3. To substitute silicone setting blocks, use part number 138018, and add $4.40.
4. To prep for thresholds by others, use part number 031099, and add $67.00.
## Custom Entrances and Hardware

**S/A OFFSET ARM TRANSOM/HEADER & THRESHOLD PACKAGES**

**Price includes:**
1. Fabricated transom bar / header.
2. Mounting tray.
4. Weathering.
5. Threshold.
6. Frame and closer mounting clips.
7. Screws.

**Note:** Select closer from page A3/6.

### For S/A Offset Arm Closers

<table>
<thead>
<tr>
<th></th>
<th>3’0” Singles</th>
<th>6’0” Pairs</th>
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<td><strong>TRIFAB™ 601</strong></td>
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### Special Size Charge
1. No charge - for single transom/header packages under 3’0”, 150656 (NO CHARGE).
2. Add - for single transom/header packages over 3’0” up to 4’0”, 150657 $22.00.
3. Add - for pairs transom/header packages over 6’0”, 150658 $45.00.

### Prep Charge
1. To prep for concealed rod exit device, use part number 138651 and add $35.00.
2. To prep for controller, use part number 138117 and add $30.00.
3. To prep for 3-point lock, use part number 138133 and add $30.00.

### Optional
1. Delete threshold, use part 031100 and delete $(21.00) Single.
2. Delete threshold, use part 031101 and delete $(38.00) Pair.
3. To substitute silicone setting blocks, use part number 138018, and add $4.40.
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For S/A Offset Arm Closers

<table>
<thead>
<tr>
<th></th>
<th>3'0&quot; Singles</th>
<th>6'0&quot; Pairs</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>InFrame™</td>
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<tr>
<td>Offset Pivot Transom Bar Pkg PART NO.</td>
<td>530655 RH</td>
<td>530659</td>
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<tr>
<td></td>
<td>530656 LH</td>
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<tr>
<td>#17 GRP</td>
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<td>$369.00</td>
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<td>#40 GRP</td>
<td>336.00</td>
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<td>#29 GRP</td>
<td>370.00</td>
<td>463.00</td>
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<td>Butt Hung Transom Bar Package PART NO.</td>
<td>530665 RH</td>
<td>530669</td>
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<tr>
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<td>530666 LH</td>
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<tr>
<td>#29 GRP</td>
<td>389.00</td>
<td>487.00</td>
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</tbody>
</table>

Price Includes:
1. Fabricated transom bar / header.
2. Mounting tray.
4. Weathering.
5. Threshold.
6. Frame and closer mounting clips.
7. Screws.

Note: Select closer from page A3/6.

Special Size Charge: 1. No charge - for single transom/header packages under 3’0”, 150656 (NO CHARGE).
2. Add - for single transom/header packages over 3’0” up to 4’0”, 150657 $22.00.
3. Add - for pairs transom/header packages over 6’0”, 150658 $45.00.

Prep Charge: 1. To prep for concealed rod exit device, use part number 138651 and add $35.00.
**Notes:**
1. All prices are per item.
2. Part numbers do not imply hardware/door/frame compatibility.
3. Verify all hardware applications and combinations with an appropriate hardware consultant.
4. When hardware needs to be applied to both door and frame, the hardware will typically be applied to and shipped with the door.

<table>
<thead>
<tr>
<th>BUTT HINGES (per hinge)</th>
<th>PART NO.</th>
<th>PRICE</th>
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</thead>
<tbody>
<tr>
<td>COMPLETE DOOR/FRAME FABRICATION AND APPLICATION</td>
<td>139001</td>
<td>$106.00</td>
</tr>
<tr>
<td>FABRICATION FOR DOOR</td>
<td>139001DP</td>
<td>42.00</td>
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<td>139001FP</td>
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</tr>
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<td>HARDWARE APPLICATION</td>
<td>139001HA</td>
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</tr>
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</table>

**ALL OTHER BUTT HINGES**

| COMPLETE DOOR/FRAME FABRICATION AND APPLICATION | 139002 | $148.00 |
| FABRICATION FOR DOOR | 139002DP | 63.00 |
| FABRICATION FOR FRAME | 139002FP | 63.00 |
| HARDWARE APPLICATION | 139002HA | 22.00 |

**ANCHOR HINGE (3)**

| COMPLETE DOOR/FRAME FABRICATION AND APPLICATION | 139003 | $336.00 |
| FABRICATION FOR DOOR | 139003DP | 125.00 |
| FABRICATION FOR FRAME | 139003FP | 167.00 |
| HARDWARE APPLICATION | 139003HA | 44.00 |

**CONTINUOUS HINGES**

| COMPLETE DOOR/FRAME FABRICATION AND APPLICATION | 139004 | $200.00 |
| FABRICATION FOR DOOR | 139004DP | 75.00 |
| FABRICATION FOR FRAME | 139004FP | 75.00 |
| HARDWARE APPLICATION | 139004HA | 50.00 |

(3) Not applicable with InFrame interior framing.
### Offset Pivots

<table>
<thead>
<tr>
<th>Pivot Type</th>
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<th>Price</th>
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<td>Hardware Application</td>
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<td><strong>Intermediate Pivot</strong></td>
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<tr>
<td>Complete Door/Frame</td>
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<td><strong>Bottom Offset Pivot</strong></td>
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<tr>
<td>Complete Door/Frame</td>
<td>139007</td>
<td>254.00</td>
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### Center Pivots (3)

<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>Walking Beam Pivot</strong></td>
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<tr>
<td>Complete Door/Frame</td>
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<td>Fabrication for Door</td>
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<td><strong>Bottom Center Pivot</strong></td>
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<tr>
<td>Complete Door/Frame</td>
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<td>Hardware Application</td>
<td>139009HA</td>
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</tbody>
</table>

(3) Not applicable with InFrame interior framing.
### Locking Hardware

#### Deadlock on Single Door

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
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<tbody>
<tr>
<td>Complete Door/Frame Fabrication and Application</td>
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<td>Fabrication for Frame</td>
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<td>Hardware Application</td>
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#### Deadlock on Pair of Doors

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<th>Part No.</th>
<th>Price</th>
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<tbody>
<tr>
<td>Complete Door/Frame Fabrication and Application</td>
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</tr>
<tr>
<td>Fabrication for Door</td>
<td>139052DP</td>
<td>67.00</td>
</tr>
<tr>
<td>Fabrication for Frame</td>
<td>N/A</td>
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</tr>
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<td>Hardware Application</td>
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#### Deadlock with 3-Point Lock *(3)*

<table>
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<tr>
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<td>139053DP</td>
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<td>Fabrication for Frame</td>
<td>139053FP</td>
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<td>Hardware Application</td>
<td>139053HA</td>
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#### Exit Indicator

<table>
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<tr>
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<tr>
<td>Fabrication for Frame</td>
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#### Cylinder Guard

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<td>139055DP</td>
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<tr>
<td>Fabrication for Frame</td>
<td>N/A</td>
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<tr>
<td>Hardware Application</td>
<td>139055HA</td>
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#### Armored Strike on Single Door (Does Not Include Appropriate Deadlock Prep)

<table>
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<tr>
<th>Description</th>
<th>Part No.</th>
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<tbody>
<tr>
<td>Complete Door/Frame Fabrication and Application</td>
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<td>Fabrication for Door</td>
<td>N/A</td>
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<tr>
<td>Fabrication for Frame</td>
<td>139056FP</td>
<td>13.00</td>
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<tr>
<td>Hardware Application</td>
<td>139056HA</td>
<td>9.00</td>
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#### Armored Strike on Pairs of Doors (Does Not Include Appropriate Deadlock Prep)

<table>
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<th>Description</th>
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<th>Price</th>
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</thead>
<tbody>
<tr>
<td>Complete Door/Frame Fabrication and Application</td>
<td>139057</td>
<td>$22.00</td>
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<tr>
<td>Fabrication for Door</td>
<td>139057DP</td>
<td>13.00</td>
</tr>
<tr>
<td>Fabrication for Frame</td>
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</tr>
<tr>
<td>Hardware Application</td>
<td>139057HA</td>
<td>9.00</td>
</tr>
</tbody>
</table>

*(3)* Not applicable with InFrame interior framing.

Notes:

1. All prices are **per item**.
2. Part numbers do not imply hardware/door/frame compatibility.
3. Verify all hardware applications and combinations with an appropriate hardware consultant.
4. When hardware needs to be applied to both door and frame, the hardware will typically be applied to and shipped with the door.
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<table>
<thead>
<tr>
<th>LATCH LOCKS</th>
<th>PART NO.</th>
<th>PRICE</th>
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<tr>
<td><strong>MS + 1890 LATCH LOCK ON SINGLE DOOR</strong></td>
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<tr>
<td>COMPLETE DOOR/FRAME FABRICATION AND APPLICATION</td>
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<td>FABRICATION FOR DOOR</td>
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<td>FABRICATION FOR FRAME</td>
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<td>HARDWARE APPLICATION</td>
<td>139058HA</td>
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<tr>
<td><strong>MS + 1890 LATCH LOCK ON PAIRS OF DOORS</strong></td>
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<tr>
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<td>FABRICATION FOR DOOR</td>
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<tr>
<td>FABRICATION FOR FRAME</td>
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<td>HARDWARE APPLICATION</td>
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<tr>
<td><strong>LATCH LOCK ON SINGLE DOOR (LEVER OR PADDLE)</strong></td>
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<tr>
<td>COMPLETE DOOR/FRAME FABRICATION AND APPLICATION</td>
<td>139060</td>
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<td>FABRICATION FOR FRAME</td>
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<td>139060HA</td>
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<tr>
<td><strong>LATCH LOCK ON PAIR OF DOORS (LEVER OR PADDLE)</strong></td>
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<tr>
<td>COMPLETE DOOR/FRAME FABRICATION AND APPLICATION</td>
<td>139061</td>
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<td>139061HA</td>
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</tbody>
</table>

Notes:
1. All prices are per item.
2. Part numbers do not imply hardware/door/frame compatibility.
3. Verify all hardware applications and combinations with an appropriate hardware consultant.
4. When hardware needs to be applied to both door and frame, the hardware will typically be applied to and shipped with the door.
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<table>
<thead>
<tr>
<th>MISCELLANEOUS LOCKS</th>
<th>PART NO.</th>
<th>PRICE</th>
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<tbody>
<tr>
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<td>MS 1880 TWO POINT LOCK</td>
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| CYLINDRICAL LOCKS                                        |          |       |
| CYLINDRICAL LOCK SET ON SINGLE DOOR (BORED OR MORTISE)   |          |       |
| COMPLETE DOOR/FRAME FABRICATION AND APPLICATION          | 139065   | 215.00 |
| FABRICATION FOR DOOR                                     | 139065DP | 83.00 |
| FABRICATION FOR FRAME                                    | 139065FP | 21.00 |
| HARDWARE APPLICATION                                     | 139065HA | 111.00 |
| CYLINDRICAL LOCK SET ON PAIRS OF DOORS (BORED OR MORTISE)|          |       |
| COMPLETE DOOR/FRAME FABRICATION AND APPLICATION          | 139066   | 215.00 |
| FABRICATION FOR DOOR                                     | 139066DP | 104.00 |
| FABRICATION FOR FRAME                                    | N/A      | ---   |
| HARDWARE APPLICATION                                     | 139066HA | 111.00 |

Notes:
1. All prices are per item.
2. Part numbers do not imply hardware/door/frame compatibility.
3. Verify all hardware applications and combinations with an appropriate hardware consultant.
4. When hardware needs to be applied to both door and frame, the hardware will typically be applied to and shipped with the door.

(3) Not applicable with InFrame interior framing.
**CONCEALED EXIT DEVICE**

<table>
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<tr>
<td>VON DUPRIN Concealed Rod Exit Device</td>
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<th>Price</th>
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<tr>
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**RIM EXIT DEVICE**

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**MORTISE EXIT DEVICE**

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<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete Door/Frame Fabrication and Application</td>
<td>139105</td>
<td>$491.00</td>
</tr>
<tr>
<td>Fabrication for Door</td>
<td>139105DP</td>
<td>$250.00</td>
</tr>
<tr>
<td>Fabrication for Frame</td>
<td>139105FP</td>
<td>$63.00</td>
</tr>
<tr>
<td>Hardware Application</td>
<td>139105HA</td>
<td>$178.00</td>
</tr>
</tbody>
</table>

**SURFACE ROD EXIT DEVICES**

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete Door/Frame Fabrication and Application</td>
<td>139106</td>
<td>$533.00</td>
</tr>
<tr>
<td>Fabrication for Door</td>
<td>139106DP</td>
<td>$292.00</td>
</tr>
<tr>
<td>Fabrication for Frame</td>
<td>139106FP</td>
<td>$63.00</td>
</tr>
<tr>
<td>Hardware Application</td>
<td>139106HA</td>
<td>$178.00</td>
</tr>
</tbody>
</table>

**REMOVABLE MULLION**

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete Door/Frame Fabrication and Application</td>
<td>N/A</td>
<td>---</td>
</tr>
<tr>
<td>Fabrication for Door</td>
<td>N/A</td>
<td>---</td>
</tr>
<tr>
<td>Fabrication for Frame</td>
<td>139107FP</td>
<td>$200.00</td>
</tr>
<tr>
<td>Hardware Application</td>
<td>N/A</td>
<td>---</td>
</tr>
</tbody>
</table>

Notes:
1. All prices are per item.
2. Prices do not include exit device trim prep.
3. Part numbers do not imply hardware/door/frame compatibility.
4. Verify all hardware applications and combinations with an appropriate hardware consultant.
5. When hardware needs to be applied to both door and frame, the hardware will typically be applied to and shipped with the door.

(4) Available with InFrame with threshold only.
NOTES:
1. All prices are per item.
2. Prices do not include exit device trim prep.
3. Part numbers do not imply hardware/door/frame compatibility.
4. Verify all hardware applications and combinations with an appropriate hardware consultant.
5. When hardware needs to be applied to both door and frame, the hardware will typically be applied to and shipped with the door.

### EXIT DEVICE TRIMS

<table>
<thead>
<tr>
<th>EXIT DEVICE TRIM</th>
<th>PART NO.</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FALCON</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMPLETE DOOR/FRAME FABRICATION AND APPLICATION</td>
<td>139108</td>
<td>$47.00</td>
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<tr>
<td>FABRICATION FOR DOOR</td>
<td>139108DP</td>
<td>25.00</td>
</tr>
<tr>
<td>FABRICATION FOR FRAME</td>
<td>N/A</td>
<td>---</td>
</tr>
<tr>
<td>HARDWARE APPLICATION</td>
<td>139108HA</td>
<td>22.00</td>
</tr>
</tbody>
</table>

| **VON DUPRIN** | | |
| COMPLETE DOOR/FRAME FABRICATION AND APPLICATION | 139109 | 55.00 |
| FABRICATION FOR DOOR | 139109DP | 33.00 |
| FABRICATION FOR FRAME | N/A | --- |
| HARDWARE APPLICATION | 139109HA | 22.00 |

| **ADAMS RITE** | | |
| COMPLETE DOOR/FRAME FABRICATION AND APPLICATION | 139110 | 47.00 |
| FABRICATION FOR DOOR | 139110DP | 25.00 |
| FABRICATION FOR FRAME | N/A | --- |
| HARDWARE APPLICATION | 139110HA | 22.00 |

| **CORBIN/RUSSWIN** | | |
| COMPLETE DOOR/FRAME FABRICATION AND APPLICATION | 139111 | 81.00 |
| FABRICATION FOR DOOR | 139111DP | 50.00 |
| FABRICATION FOR FRAME | N/A | --- |
| HARDWARE APPLICATION | 139111HA | 31.00 |

| **JACKSON/INTERNATIONAL** | | |
| COMPLETE DOOR/FRAME FABRICATION AND APPLICATION | 139112 | 43.00 |
| FABRICATION FOR DOOR | 139112DP | 21.00 |
| FABRICATION FOR FRAME | N/A | --- |
| HARDWARE APPLICATION | 139112HA | 22.00 |

| **PRECISION** | | |
| COMPLETE DOOR/FRAME FABRICATION AND APPLICATION | 139113 | 47.00 |
| FABRICATION FOR DOOR | 139113DP | 25.00 |
| FABRICATION FOR FRAME | N/A | --- |
| HARDWARE APPLICATION | 139113HA | 22.00 |

| **SARGENT** | | |
| COMPLETE DOOR/FRAME FABRICATION AND APPLICATION | 139114 | 81.00 |
| FABRICATION FOR DOOR | 139114DP | 50.00 |
| FABRICATION FOR FRAME | N/A | --- |
| HARDWARE APPLICATION | 139114HA | 31.00 |

| **ALL OTHERS** | | |
| COMPLETE DOOR/FRAME FABRICATION AND APPLICATION | 139115 | 142.00 |
| FABRICATION FOR DOOR | 139115DP | 75.00 |
| FABRICATION FOR FRAME | N/A | --- |
| HARDWARE APPLICATION | 139115HA | 67.00 |
**Notes:**
1. All prices are per item.
2. Part numbers do not imply hardware/door/frame compatibility.
3. Verify all hardware applications and combinations with an appropriate hardware consultant.
4. When hardware needs to be applied to both door and frame, the hardware will typically be applied to and shipped with the door.

### CONCEALED OVERHEAD CLOSERS (DOES NOT INCLUDE HINGING PREP, MAY REQUIRE A SPECIAL TOP RAIL AND AFFECT GLASS)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>139010</td>
<td>COMPLETE DOOR/FRAME FABRICATION AND APPLICATION</td>
<td>$122.00</td>
</tr>
<tr>
<td></td>
<td>FABRICATION FOR DOOR</td>
<td>N/A</td>
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<tr>
<td></td>
<td>FABRICATION FOR FRAME</td>
<td>139010FP</td>
</tr>
<tr>
<td></td>
<td>HARDWARE APPLICATION</td>
<td>139010HA</td>
</tr>
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### CENTER HUNG ARM PREP (3)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>139011</td>
<td>COMPLETE DOOR/FRAME FABRICATION AND APPLICATION</td>
<td>$107.00</td>
</tr>
<tr>
<td></td>
<td>FABRICATION FOR DOOR</td>
<td>139011DP</td>
</tr>
<tr>
<td></td>
<td>FABRICATION FOR FRAME</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>HARDWARE APPLICATION</td>
<td>139011HA</td>
</tr>
</tbody>
</table>

### SINGLE ACTING CLOSER PREP

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>139012</td>
<td>COMPLETE DOOR/FRAME FABRICATION AND APPLICATION</td>
<td>$199.00</td>
</tr>
<tr>
<td></td>
<td>FABRICATION FOR DOOR</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>FABRICATION FOR FRAME</td>
<td>139012FP</td>
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<td>139012HA</td>
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</table>

### SINGLE ACTING ARM PREP

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>139013</td>
<td>COMPLETE DOOR/FRAME FABRICATION AND APPLICATION</td>
<td>$136.00</td>
</tr>
<tr>
<td></td>
<td>FABRICATION FOR DOOR</td>
<td>139013DP</td>
</tr>
<tr>
<td></td>
<td>FABRICATION FOR FRAME</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>HARDWARE APPLICATION</td>
<td>139013HA</td>
</tr>
</tbody>
</table>

### FLOOR CLOSERS (DOES NOT INCLUDE HINGING PREP)

### CENTER HUNG CLOSER ARM FABRICATION (3)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>139014</td>
<td>COMPLETE DOOR/FRAME FABRICATION AND APPLICATION</td>
<td>$107.00</td>
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<td>FABRICATION FOR DOOR</td>
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<td></td>
<td>FABRICATION FOR FRAME</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>HARDWARE APPLICATION</td>
<td>139014HA</td>
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</table>

### OFFSET PIVOT CLOSER ARM FABRICATION

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>139015</td>
<td>COMPLETE DOOR/FRAME FABRICATION AND APPLICATION</td>
<td>$136.00</td>
</tr>
<tr>
<td></td>
<td>FABRICATION FOR DOOR</td>
<td>139015DP</td>
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<tr>
<td></td>
<td>FABRICATION FOR FRAME</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>HARDWARE APPLICATION</td>
<td>139015HA</td>
</tr>
</tbody>
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### DOOR HOLDERS (MAY REQUIRE A SPECIAL TOP RAIL AND AFFECT GLASS SIZE)

### CONCEALED HOLDER

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>139016</td>
<td>COMPLETE DOOR/FRAME FABRICATION AND APPLICATION</td>
<td>$218.00</td>
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<tr>
<td></td>
<td>FABRICATION FOR DOOR</td>
<td>139016DP</td>
</tr>
<tr>
<td></td>
<td>FABRICATION FOR FRAME</td>
<td>139016FP</td>
</tr>
<tr>
<td></td>
<td>HARDWARE APPLICATION</td>
<td>139016HA</td>
</tr>
</tbody>
</table>

### SURFACE HOLDER

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>139017</td>
<td>COMPLETE DOOR/FRAME FABRICATION AND APPLICATION</td>
<td>$184.00</td>
</tr>
<tr>
<td></td>
<td>FABRICATION FOR DOOR</td>
<td>139017DP</td>
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<tr>
<td></td>
<td>FABRICATION FOR FRAME</td>
<td>139017FP</td>
</tr>
<tr>
<td></td>
<td>HARDWARE APPLICATION</td>
<td>139017HA</td>
</tr>
</tbody>
</table>

(3) Not applicable with InFrame interior framing.
Notes:
1. All prices are per item.
2. Part numbers do not imply hardware/door/frame compatibility.
3. Verify all hardware applications and combinations with an appropriate hardware consultant.
4. When hardware needs to be applied to both door and frame, the hardware will typically be applied to and shipped with the door.

### MISCELLANEOUS HARDWARE

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flushbolts (per pair) (4)</td>
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<tr>
<td>Complete Door/Frame Fabrication and Application</td>
<td>139018</td>
<td>$94.00</td>
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<tr>
<td>Fabrication for Door</td>
<td>139018DP</td>
<td>42.00</td>
</tr>
<tr>
<td>Fabrication for Frame</td>
<td>139018FP</td>
<td>30.00</td>
</tr>
<tr>
<td>Hardware Application</td>
<td>139018HA</td>
<td>22.00</td>
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<tr>
<td>Non-Standard Push Pull</td>
<td></td>
<td></td>
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<tr>
<td>Complete Door/Frame Fabrication and Application</td>
<td>139019</td>
<td>44.00</td>
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<tr>
<td>Fabrication for Door</td>
<td>139019DP</td>
<td>13.00</td>
</tr>
<tr>
<td>Fabrication for Frame</td>
<td>N/A</td>
<td>---</td>
</tr>
<tr>
<td>Hardware Application</td>
<td>139019HA</td>
<td>31.00</td>
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<tr>
<td>Von Duprin Power Transfer</td>
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</tr>
<tr>
<td>Complete Door/Frame Fabrication (Ship Loose Only)</td>
<td>139020</td>
<td>134.00</td>
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<tr>
<td>Fabrication for Door</td>
<td>139020DP</td>
<td>67.00</td>
</tr>
<tr>
<td>Fabrication for Frame</td>
<td>139020FP</td>
<td>67.00</td>
</tr>
<tr>
<td>Hardware Application</td>
<td>N/A</td>
<td>---</td>
</tr>
<tr>
<td>Standard Electric Strike on Single Door (AR 7130 / HES 7089)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete Door/Frame Fabrication and Application</td>
<td>139021</td>
<td>126.00</td>
</tr>
<tr>
<td>Fabrication for Door</td>
<td>N/A</td>
<td>---</td>
</tr>
<tr>
<td>Fabrication for Frame</td>
<td>139021FP</td>
<td>104.00</td>
</tr>
<tr>
<td>Hardware Application</td>
<td>139021HA</td>
<td>22.00</td>
</tr>
<tr>
<td>Standard Electric Strike on Pair of Doors (AR 7130 / HES 7089)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete Door/Frame Fabrication and Application</td>
<td>139022</td>
<td>126.00</td>
</tr>
<tr>
<td>Fabrication for Door</td>
<td>139022DP</td>
<td>104.00</td>
</tr>
<tr>
<td>Fabrication for Frame</td>
<td>N/A</td>
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</tr>
<tr>
<td>Hardware Application</td>
<td>139022HA</td>
<td>22.00</td>
</tr>
<tr>
<td>All Other Electric Strikes on Single Door</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete Door/Frame Fabrication and Application</td>
<td>139023</td>
<td>140.00</td>
</tr>
<tr>
<td>Fabrication for Door</td>
<td>N/A</td>
<td>---</td>
</tr>
<tr>
<td>Fabrication for Frame</td>
<td>139023FP</td>
<td>104.00</td>
</tr>
<tr>
<td>Hardware Application</td>
<td>139023HA</td>
<td>36.00</td>
</tr>
<tr>
<td>All Other Electric Strikes on Pair of Doors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete Door/Frame Fabrication and Application</td>
<td>139024</td>
<td>140.00</td>
</tr>
<tr>
<td>Fabrication for Door</td>
<td>139024DP</td>
<td>104.00</td>
</tr>
<tr>
<td>Fabrication for Frame</td>
<td>N/A</td>
<td>---</td>
</tr>
<tr>
<td>Hardware Application</td>
<td>139024HA</td>
<td>36.00</td>
</tr>
</tbody>
</table>

(4) Available with InFrame with threshold only.
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

Notes:
1. All prices are per item.
2. Part numbers do not imply hardware/door/frame compatibility.
3. Verify all hardware applications and combinations with an appropriate hardware consultant.
4. When hardware needs to be applied to both door and frame, the hardware will typically be applied to and shipped with the door.

### MISCELLANEOUS HARDWARE (Continued)

<table>
<thead>
<tr>
<th>RIM EXIT DEVICE ELECTRIC STRIKE (SINGLE DOORS ONLY)</th>
<th>PART NO.</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMPLETE DOOR/FRAME FABRICATION AND APPLICATION</td>
<td>N/A</td>
<td>---</td>
</tr>
<tr>
<td>FABRICATION FOR DOOR</td>
<td>N/A</td>
<td>---</td>
</tr>
<tr>
<td>FABRICATION FOR FRAME (SHIP LOOSE ONLY)</td>
<td>139025FP</td>
<td>$133.00</td>
</tr>
<tr>
<td>HARDWARE APPLICATION</td>
<td>N/A</td>
<td>---</td>
</tr>
</tbody>
</table>

| MAGNETIC LOCK (SURFACE APPLIED - PER LEAF)        |          |       |
| COMPLETE DOOR/FRAME FABRICATION AND APPLICATION   | 139026   | 144.00 |
| FABRICATION FOR DOOR                              | 139026DP | 42.00  |
| FABRICATION FOR FRAME                             | 139026FP | 71.00  |
| HARDWARE APPLICATION                              | 139026HA | 31.00  |

| MAGNETIC LOCK (CONCEALED - PER LEAF)              |          |       |
| COMPLETE DOOR/FRAME FABRICATION AND APPLICATION   | 139027   | 357.00 |
| FABRICATION FOR DOOR                              | 139027DP | 188.00 |
| FABRICATION FOR FRAME                             | 139027FP | 125.00 |
| HARDWARE APPLICATION                              | 139027HA | 44.00  |

| DOOR POSITION SWITCH                               |          |       |
| COMPLETE DOOR/FRAME FABRICATION AND APPLICATION   | 139028   | 144.00 |
| FABRICATION FOR DOOR                              | 139028DP | 42.00  |
| FABRICATION FOR FRAME                             | 139028FP | 71.00  |
| HARDWARE APPLICATION                              | 139028HA | 31.00  |

Notes:
1. All prices are per item.
2. Part numbers do not imply hardware/door/frame compatibility.
3. Verify all hardware applications and combinations with an appropriate hardware consultant.
4. When hardware needs to be applied to both door and frame, the hardware will typically be applied to and shipped with the door.
Notes:
1. Exit device options do not include the cylinders or pull handles. Select cylinders and pull handles separately.
2. Refer to the general information section for hardware color combinations.
3. Prices are for 3'0" wide door leaf. For special size concealed exit devices use part 138667 and add $60.00 list per leaf.
4. Refer to A2/50 for power transfers and electric hinging.
5. Refer to A2/51 for power supplies and activators.

### Paneline™ EL and Concealed Rod EL Exit Device Hardware Options

<table>
<thead>
<tr>
<th>Part No.</th>
<th>#17 GRP</th>
<th>#40 GRP</th>
<th>#29 GRP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paneline™ EL (3)</td>
<td>Concealed rod exit device.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>138659EL</td>
<td>$1,122.00</td>
<td>$1,161.00</td>
<td>$1,267.00</td>
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<tr>
<td>138660EL</td>
<td>1,197.00</td>
<td>1,237.00</td>
<td>1,342.00</td>
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<tr>
<td>138692</td>
<td>225.00</td>
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<tr>
<td>138693</td>
<td>300.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>138651</td>
<td>35.00</td>
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</tr>
</tbody>
</table>

### Kawneer 1686 EL (4) — Concealed Rod Exit Device

<table>
<thead>
<tr>
<th>Part No.</th>
<th>#17</th>
<th>#40</th>
<th>#29</th>
</tr>
</thead>
<tbody>
<tr>
<td>138645EL</td>
<td>993.00</td>
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</tr>
<tr>
<td>138651</td>
<td>35.00</td>
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</tbody>
</table>

### Falcon 1690 EL Concealed Rod Exit Device (4)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>#17</th>
<th>#40</th>
<th>#29</th>
</tr>
</thead>
<tbody>
<tr>
<td>138640</td>
<td>1,335.00</td>
<td>1,365.00</td>
<td>1,365.00</td>
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<tr>
<td>138651</td>
<td>35.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Notes:
(3) Not applicable with InFrame interior framing.
(4) Available with InFrame with threshold only.
### Rim EL Exit Device Hardware Options

<table>
<thead>
<tr>
<th></th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kawneer 1786 EL</td>
<td></td>
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</tr>
<tr>
<td>Rim Exit Device.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hardware + Door Prep</td>
<td>138835EL</td>
<td>906.00</td>
</tr>
<tr>
<td>Frame Prep Only (Single Door)</td>
<td>138836</td>
<td>35.00</td>
</tr>
<tr>
<td>Falcon 1790 EL</td>
<td></td>
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<tr>
<td>Rim Exit Device.</td>
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</tr>
<tr>
<td>Hardware + Door Prep</td>
<td>138642</td>
<td>1,371.00</td>
</tr>
<tr>
<td>Frame Prep Only (Single Door)</td>
<td>138655</td>
<td>35.00</td>
</tr>
<tr>
<td>Falcon RM-170 Removable Mullion</td>
<td>133486</td>
<td>850.00</td>
</tr>
<tr>
<td>(For use with pairs of rim exit devices.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Price includes (2) interlocking mullions.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to 7'0&quot; Hardware</td>
<td>133486</td>
<td>850.00</td>
</tr>
<tr>
<td></td>
<td>133487</td>
<td>985.00</td>
</tr>
<tr>
<td>Frame Prep</td>
<td>138658</td>
<td>170.00</td>
</tr>
<tr>
<td>Removable Mullion</td>
<td></td>
<td></td>
</tr>
<tr>
<td>For Kawneer 1786 Exit Device</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to 7'0&quot; Hardware</td>
<td>133586</td>
<td>904.00</td>
</tr>
<tr>
<td></td>
<td>133587</td>
<td>926.00</td>
</tr>
<tr>
<td>Frame Prep</td>
<td>138837</td>
<td>170.00</td>
</tr>
</tbody>
</table>

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor. Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

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### Notes:
1. Refer to A2/50 for power transfers and electric hinging.
2. Refer to A2/51 for power supplies and activators.

## Locking Hardware Options

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>138120</td>
<td>$300.00</td>
</tr>
<tr>
<td>138121</td>
<td>45.00</td>
</tr>
<tr>
<td>138122</td>
<td>90.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single Hardware + Door Prep</th>
<th>#17</th>
<th>#40</th>
<th>#29</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams Rite 4510 Latch Lock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Locking options do not include cylinder or lock operators.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select cylinders and lock operations separately.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Back set for this lock option is 1-1/8&quot;.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Offset Hung Frame Prep | 138121 | 45.00 |
| Center Hung Frame Prep (3) | 138122 | 90.00 |

| Pair Hardware + Door Prep | 138123 | 315.00 | 332.00 | 375.00 |
| Frame Prep | ... | ... | ... | ... |

<table>
<thead>
<tr>
<th>Single Hardware Only</th>
<th>#17</th>
<th>#40</th>
<th>#29</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams Rite 7130 Electric Strike</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(For use on 4510 latch locks only.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wiring &amp; additional electric transfer for pair of doors not included.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single</th>
<th>138249</th>
<th>360.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams Rite 7130 Electric Strike</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Continuous Duty (No Door Prep)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single</th>
<th>138242</th>
<th>360.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams Rite 7130 Electric Strike</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intermittent Duty (No Door Prep)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single</th>
<th>138243</th>
<th>104.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams Rite 7130 Electric Strike</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frame Prep</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single</th>
<th>138396</th>
<th>464.00</th>
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</thead>
<tbody>
<tr>
<td>Adams Rite 7130 Electric Strike</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Continuous Duty (Pair Hardware)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single</th>
<th>138244</th>
<th>464.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams Rite 7130 Electric Strike</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intermittent Duty (Pair Hardware)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single</th>
<th>138244</th>
<th>464.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams Rite 7130 Electric Strike</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frame Prep (N/A with pairs)</td>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>

(3) Not applicable with InFrame interior framing.
# Power Transfers and Electric Hinging

<table>
<thead>
<tr>
<th>Part No.</th>
<th>#17</th>
<th>#40</th>
<th>#29</th>
</tr>
</thead>
</table>
| **Electric Power Transfer (EPT)**  
Hardware to ship loose | | | |
| HARDWARE + DOOR PREP | 138647 | $225.00 | |
| FRAME PREP ONLY | 138648 | 67.00 | |

| **Von Duprin Electric Power Transfer (EPT) 2**  
Hardware to ship loose | | | |
| HARDWARE + DOOR PREP | 138637 | 950.00 | 950.00 |
| FRAME PREP ONLY | 138639 | 85.00 | |

| **Von Duprin Electric Power Transfer (EPT) 10**  
Hardware to ship loose | | | |
| HARDWARE + DOOR PREP | 138638 | 1,000.00 | 1,000.00 |
| FRAME PREP ONLY | 138639 | 85.00 | |

| **Intermediate Power Transfer Offset Pivot** (M-19 type)  
(Kawneer standard)  
Hardware to ship loose | | | |
| DOOR PREP ONLY | 138649 | 105.00 | |
| HARDWARE + DOOR PREP (INCLUDES HINGE & WIRE HARNESS) | 138431(RH) | 582.00 | 590.00 | 600.00 |
| FRAME PREP (with reinforcing) | 138416 | 115.00 | |

| **Intermediate Power Transfer Offset Pivot** (M-19 type)  
(Hardware to ship loose) | | | |
| HARDWARE + DOOR PREP (INCLUDES HINGE & WIRE HARNESS) | 138433(RH) | 734.00 | 734.00 |
| FRAME PREP | 138416 | 115.00 | |

| **4-1/2" x 4" Electric Transfer** (27)  
Hardware to ship loose | | | |
| HARDWARE + DOOR PREP (INCLUDES HINGE & WIRE HARNESS) | 138430 | 522.00 | --- | 530.00 |
| FRAME PREP (with reinforcing) | 138418 | 36.00 | |

(27) For eight wire electric transfer consult factory.
### Power Supplies and Activators

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>050412</td>
<td>SP-1000X Power Supply&lt;br&gt;Hardware to ship loose&lt;br&gt;(Approved for use with Paneline, 1690 and 1790 exit devices)</td>
<td>$1,200.00</td>
</tr>
<tr>
<td>050409</td>
<td>PS1 Series Power Supply&lt;br&gt;Hardware to ship loose&lt;br&gt;(Approved for use with Kawneer 1686 and 1786 exit devices)&lt;br&gt;Operates up to (2) 1686 or 1786 devices</td>
<td>490.00</td>
</tr>
<tr>
<td>050410</td>
<td>PSS-4 Series Power Supply&lt;br&gt;Hardware to ship loose&lt;br&gt;(Approved for use with Kawneer 1686 and 1786 exit devices)&lt;br&gt;Operates up to (4) 1686 or 1786 devices</td>
<td>990.00</td>
</tr>
<tr>
<td>050411</td>
<td>PSS-6 Series Power Supply&lt;br&gt;Hardware to ship loose&lt;br&gt;(Approved for use with Kawneer 1686 and 1786 exit devices)&lt;br&gt;Operates up to (6) 1686 or 1786 devices</td>
<td>1,090.00</td>
</tr>
<tr>
<td>050404</td>
<td>Altronix Power Supply (AL 175UL)&lt;br&gt;Hardware to ship loose&lt;br&gt;(For use with Adams Rite 4510 or 7130)</td>
<td>450.00</td>
</tr>
<tr>
<td>050399</td>
<td>AC-G43 Key Pad&lt;br&gt;Hardware to ship loose</td>
<td>309.00</td>
</tr>
<tr>
<td>050400</td>
<td>AC-G44 Key Pad with Proximity Card Reader&lt;br&gt;Hardware to ship loose&lt;br&gt;PROXIMITY CARDS (25/pk)</td>
<td>406.00</td>
</tr>
<tr>
<td>050403</td>
<td>Interior Push Button Release&lt;br&gt;Hardware to ship loose&lt;br&gt;PROXIMITY CARDS (25/pk)</td>
<td>210.00</td>
</tr>
<tr>
<td>050401</td>
<td>Interior Push Button Release&lt;br&gt;Hardware to ship loose</td>
<td>197.00</td>
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</tbody>
</table>