Series 6000 THERMAL MULTI-PLANE
INSTALLATION AND GLAZING MANUAL

Note: Installation and Glazing Manuals are product specific. FOR REVIEW ONLY!

1-866-OLDCASTLE (653-2278)
Web: www.obe.com
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GENERAL INFORMATION

The Oldcastle BuildingEnvelope™ Series 6000 Thermal MultiPlane (2” x 6”) system represents the latest in product development technology complemented by dealer on-the-job input and experience. Proper use of this system will assure optimum results in erection and long-term performance.

Oldcastle BuildingEnvelope™ does not control the application nor selection of its product configurations, sealant, or glazing materials and assumes no responsibility thereof. It is the responsibility of the owner, architect and installer to make these selections are in strict compliance with applicable laws and building codes.

Over the years many components were added to our flush glaze systems. In addition, there are many ways to install storefront products. This manual represents recommendations for the best results.

PROTECTION AND STORAGE:

Handle the material carefully. Do not drop from the truck. Stack with adequate separation so that the material will not rub together. Store material off the ground. Protect against the elements and other construction hazards by using a well-ventilated covering. Remove material from package if it is wet or is located in a wet area.

CHECK MATERIAL:

Check all material upon arrival for quality and to assure against shipping damage. Any visible damage must be noted on the freight bill at the time of receipt. If a claim is required, then the receiving party must process a claim with the freight company.

Completely check construction, which will receive your materials against contract documents. Notify general contractor by letter of any discrepancies before proceeding with work. Failure to do so constitutes acceptance of work by other trades.

Check shop drawings and installation instructions to become familiar with the project. The shop drawings take precedence and include specific details for the project. The installation instructions are of a general nature and cover the most common conditions. Due to varying job conditions, all sealants used should be approved by the sealant manufacturer, to insure they will function for conditions shown on instructions and shop drawings. They must be compatible with all surfaces in which adhesion is required, including other sealant surfaces. Use primers where directed by manufacturer of sealant. Be sure to properly store sealants at recommended temperatures and check sealant for remainder of shelf life before using.

FIELD CONDITIONS:

- Do not install wall if there is a walkway with a down slope towards an entrance or a storefront.
- All materials to be installed plumb, level and true. Aluminum to be placed in direct contact with the masonry or incompatible materials should be isolated with a heavy coat of zinc-chromate or bituminous paint.
- After sealant is set and a representative amount of wall has been glazed (250 square feet of more), run a water hose to check installation. On large jobs, hose test should be repeated during glazing operation. Test should be conducted in accordance with AAMA 501.2 specifications.
- Coordinate protection of installed materials with general contractors and other trades.
GENERAL INFORMATION

CLEANING MATERIALS:

Cement, plaster, terrazzo, alkaline and acid based materials used to clean masonry are very harmful to finishes and should be removed with water and a mild soap immediately or permanent staining will occur. A spot test is recommended before any cleaning agent is used.

EXPANSION JOINTS:

Expansion joints and perimeter seals shown in these instructions and in the shop drawings are shown at normal size. Actual dimensions may vary due to perimeter conditions and/or differences in metal temperature between the time of fabrication and time of installation. For example, a 12 foot unrestrained length of aluminum extrusion can expand or contract 3/32 of an inch over a 50 degree Fahrenheit change. Any movement potential should be accounted for at time of the installation.

THERMAL IMPROVEMENT SUGGESTIONS:

To maintain or improve your wall installation, the following items should be considered:

1. Blinds or drapes prevent warm air from washing the window.
2. Warm air ventilators too far from window will not adequately wash the window with air to prevent condensation.
3. In extreme conditions, the fan of the heating systems should not cycle on and off, but run continuously.
4. Some heating systems have a water injection feature that can raise humidity levels. The higher the humidity levels the more likely condensation or frost will form. Raising the temperature and reducing humidity will usually solve this problem.
5. On rare occasions, an extremely cold storm may cause frost to appear on the glass or framing. A space heater and electric fan blowing along the plane of the window wall can reduce or eliminate this temporary condition.

FABRICATION SUGGESTIONS:

Oldcastle BuildingEnvelope™ recommends the use of our EZ Punch tooling for faster and more accurate fabrication of wall systems. If hand fabricating the mullions; drill fixtures are available to improve accuracy. Fabrication instructions for use of these drill fixtures are described within this manual on pages 21 through 23.
Measure ROUGH OPENING to determine FRAME WIDTH and FRAME HEIGHT dimensions. Allow 1/4" min clearance for shimming and caulking at sill and jambs. The head joint requires a min of 3/8".

Cut material to size per dimensions given below:

**Frame Members:**
- Subsill or Sill Receptor: FRAME WIDTH plus 1/4"
- Mullion & Mullion Fillers: FRAME HEIGHT
- Horizontal, Sill & Head: Daylight Opening (D.L.O.)
- Horizontal Glazing Beads & Fillers: D.L.O. minus 1/16"

**Accessories:**
- Horizontal Gaskets: D.L.O. plus 3/8" per foot
- Vertical Gaskets: D.L.O. plus 1" plus 3/8" per foot

**Other Members (as required):**
- Horizontal Glazing Adaptors: D.L.O. minus 1/16"
- Vertical Glazing Adaptors: D.L.O. plus 7/8"
- Door Jamb: ROUGH OPENING minus Head Joint
Measure ROUGH OPENING to determine FRAME WIDTH and FRAME HEIGHT dimensions. Allow 1/4" min clearance for shimming and caulking at sill and jambs. The head joint requires a min of 3/8". Reference page 5 for elevation and terminology.

Cut material to size per dimensions given below:

**Frame Members:**
- **Subsill or Sill Receptor**
- **Mullions & Jamb for Std Subsill (see Detail 'A')**
- **Mullions & Jamb for Low Profile Subsill (see Detail 'B')**
- **Head & Sill**
- **Horizontal**
- **Horizontal Glazing Beads & Fillers**

**Frame WIDTH** plus 1/4"

**Overall FRAME HEIGHT** minus 3 1/2"

**Overall FRAME HEIGHT** minus 3"

**FRAME WIDTH**

**Daylight Opening (D.L.O.)**

**D.L.O. minus 1/16"**

**Accessories:**
- **Head & Sill Exterior Gaskets**
- **Head & Sill Interior Gaskets**
- **Horizontal Gaskets**
- **Vertical Gaskets**

**D.L.O. plus 1" plus 3/8" per foot**

**D.L.O. plus 3/8" per foot**

**D.L.O. plus 3/8" per foot**

**D.L.O. plus 1" plus 3/8" per foot**

**Other Members (as required):**
- **Horizontal Glazing Adaptors**
- **Vertical Glazing Adaptors**
- **Door Jamb**

**D.L.O. minus 1/16"**

**D.L.O. plus 7/8"**

**ROUGH OPENING minus Head Joint**
To derive the greatest benefit from your storefront installation, we recommend you review the details above.
INSTALLATION INSTRUCTIONS FOR SILL RECEPTOR

Install Sill Receptor and End Dam

NOTE: 3/8" minimum caulk joint is required at the head condition to allow frame to be installed.

Anchor sill receptor within 4" from either side of intermediate mullions. Anchor size and frequency should be determined by structural requirements. Cap seal anchors as shown.

Install Splice Sleeve

NOTE: Sill receptor must be installed level.

Seal end dam to sill receptor

Shim under FG-6413

Drill 5/16" dia weep holes; locate at mid-lite

Seal with a non-skinning non-hardening sealant. Fill break in flashing and under splice.

Seal sill receptor vertical splice joint

Just prior to frame installation, apply continuous sealant along groove in front and back legs of sill receptor and around joint as shown. Immediately install frame into sill receptor.

Seal up back leg of sill receptor and marry with perimeter seal

Set front of frame in sill receptor and tilt back into place

Clean excess sealant away

Interior perimeter seal at sill is optional and for cosmetic purposes only

NOTE:
1. Sill receptor shall be installed level and should never tilt towards interior of building.
2. The FG-6413 sill receptor is designed to withstand a maximum end reaction of 600 lbs.
3. Splice the sill receptor at mid-lite.
4. Locate splice joint at distance of no more than every 12 feet.
OUTSIDE GLAZED, CENTER SET FRAME ASSEMBLY

Apply silicone sealant in glazing reglet of vertical where it marries with sealant applied to horizontals.

Apply silicone sealant to end of horizontals as shown.

Reference page 21 for use of DJ-9 drill fixture.

"F" (0.257 dia) drill typical.
OUTSIDE GLAZED, FRONT SET FRAME ASSEMBLY

Sealant exterior only

Apply silicone sealant 4" up interior snap joint

FS-8 (typ) part # 10223

Apply silicone sealant in glazing reglet of vertical where it marries with sealant applied to the horizontal

Reference page 22 for use of DJ-10 drill fixture.
INSIDE GLAZED, FRONT SET FRAME ASSEMBLY

FG-6284

Sealant exterior only

Apply silicone sealant 4" up interior snap joint

FS-8 (typ) part # 10223

Apply silicone sealant in glazing reglet of vertical where it marries with sealant applied to the horizontal

FG-6283

"F" (0.257 dia) drill typ

Top of horizontal

FG-6291

Apply silicone sealant to end of horizontals as shown

FG-6293

FG-6281 standard
FG-6280 low profile

FG-3278

Reference page 22 for use of DJ-10 drill fixture.
INSIDE GLAZED, FRONT SET
JAMB ASSEMBLY FOR SSG SYSTEM

AN-050-01 dam; bed in sealant

FS-8 part #10223

2-5/8"

"F" (0.257 dia) drill at head and sill

FG-6291

Reference page 22 for use of DJ-10 drill fixture.

#11 (0.191 dia) tap hole

FG-6333-01 part #34910

FG-632 Use with captured mullion (see pg. 10 for fabrication notes on vertical)

FG-6332 Use with SSG mullion

Apply silicone sealant to ends of horizontals and verticals as shown

FG-6281 standard sill
FG-6280 low profile sill

Top of FG-6332 horizontal

1-1/16"

Notch at head

5/8"

Apply silicone sealant in glazing reglet of vertical where it marries with the sealant applied to the horizontal

FG-3000-PP-56 end dam
Align with glazing pocket of jamb and seal to jamb and sill members

FS-9 part #553

2-5/8"

FS-55

FG-3278 setting block

Drill 5/16" dia weep holes; locate at 1/4 points (do not cover with setting block)

FS-8 part #10223
Reference page 23 for use of DJ-10 drill fixture.

Apply silicone sealant to ends of horizontals and verticals as shown.

Drill 5/16" dia weep holes; locate at 1/4 points (do not cover with setting block).
OUTSIDE GLAZING GUIDELINES

1. Remove gaskets from roll and allow to relax overnight. All gaskets to be cut per sizing on page 4 plus 3/8" per foot.

2. Vertical gaskets run through horizontal gaskets. Horizontal gaskets should be mitered on ends as shown in Detail "A".

3. Install interior gaskets prior to glazing. Corners of interior gaskets to be set in sealant (Detail "B") and sealed just prior to setting glass (Detail "A"). NOTE: Clean gaskets and surfaces with isopropyl alcohol prior to sealing corners.

4. Locate setting blocks at either 1/4 points or 1/8 points, dependent on the size of the glass.

5. Glass bite at typical members is 7/16". At SSG verticals glass bite is 3/4".

6. Glaze openings from bottom to top. Install water diverters in horizontal above after lite below is in position.

7. Water diverters (FG-1000-FP-2) must be located on each end of horizontals and set in sealant.

8. When installing glass, first wet the top of the setting blocks with soapy water. Once glass is set in place, push glass against interior gasket at the setting block locations. Failure to do so may cause diagonal cracks towards setting blocks due to glass bending while installing the gaskets in the corners.

DETAIL "A"

Miter horizontal gasket to vertical gasket

DETAIL "B"

Seal corners at glazing track prior to setting glass

Seal corner gasket race at water diverter
OUTSIDE GLAZED, CENTER SET
GLAZING DETAIL

FG-1133 part #364
Vertical gasket runs through

FG-3220
part #1122

FG-1000-FP-2
part #6887
Set in place with sealant

FG-3144
OUTSIDE GLAZED, FRONT SET
GLAZING DETAIL

FG-1133 part #364
Vertical gasket runs through

HP-17
part #10267

FG-1000-FP-2
part #6887
Set in place with sealant

FG-3295

SEAL ENDS OF FG-3295
GLASS STOP AT HEAD
AND HORIZONTALS
INSIDE GLAZING GUIDELINES

1. Remove gaskets from roll and allow to relax overnight. All gaskets to be cut per sizing on page 4 plus 3/8" per foot.

2. Vertical gaskets run through horizontal gaskets. Horizontal gaskets should be mitered on ends as shown in Detail "A".

3. Install exterior gaskets prior to glazing. Corners of exterior gaskets to be set in sealant (Detail "B") and sealed just prior to setting glass (Detail "A"). NOTE: Clean gaskets and surfaces with isopropyl alcohol prior to sealing corners.

4. Locate setting blocks at either 1/4 points or 1/8 points, dependent on the size of the glass.

5. Glass bite at typical members is 7/16". At SSG verticals glass bite is 3/4".

6. Glaze openings from bottom to top. Install water diverters in horizontal above after lite below is in position.

7. Water diverters (FG-1000-FP-2) must be located on each end of horizontals and set in sealant.

8. When installing glass, first wet the top of the setting blocks with soapy water. Once glass is set in place, push glass against interior gasket at the setting block locations. Failure to do so may cause diagonal cracks towards setting blocks due to glass bending while installing the gaskets in the corners.

DETAIL "A"

Miter horizontal gasket to vertical gasket

15°

Seal corner gasket race at water diverter

Seal corners at glazing track prior to setting glass

DETAIL "B"
INSIDE GLAZED, FRONT SET
GLAZING DETAIL

FG-1133 part #364
Vertical gasket runs through

FG-1000-FP-2
part #6887
Set in place with sealant

HP-17
part #10267

FG-6290

SERIES 6000 THERMAL MULTIPLANE INSTALLATION MANUAL

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Web: www.obe.com
INSIDE GLAZED, FRONT SET
SSG GLAZING DETAIL

Structural silicone

HP-30066
See detail below

FG-1133

HP-1004 baffle
cut 1 1/2" lg

FG-3000-PP-53
See page 19 for sealant instructions

FG-3335 face cover
cut every three bays
or maximum length
of 20 feet.

Clean last 2" of gaskets
at intersection with structural
silicone joint using isopropyl alcohol

Marry seal at
gasket with vertical
weather seal

Notch leg of gasket
at funnel bridge

Keep end of funnel
bridge clear of sealant

Run HP-1004 baffle full
height of face cover at
splice and use as backer
rod to seal the joint.

FG-17
part #10267

1/4" (TYP.)

2"
Apply sealant to horizontal and face of mullion prior to installing bridge.

FG-3000-PP-53 funnel bridge part #13664

Bed fasteners in sealant between bridge & horizontal.

FS-202 (#8 x 1/2" PPH)

Install HP-1004 weep baffle in bridge prior to installing face cap.

Keep face of bridge clear of sealant for proper weepage.

Tool sealant at mullion and horizontal to form a watertight seal.

Cap seal fasteners.
HEAD & SILL SPLICE INSTALLATION FOR SSG SYSTEM

Splice kit for FG-6291 head is Part #34972
Splices packaged 20/box

Bed splices in sealant
FG-6292-01
FG-3000-FP-54
FG-6392-01

Seal back and underside of head and tool sealant

Locate splice joint at mid-lite
Bed splices in sealant

Bed splices in sealant
FG-3000-FP-38

Seal face of sill - tool sealant
Locate splice joint at mid-lite
1/2"

Seal top and back of sill - tool sealant
Bed splices in sealant

Splice kit for FG-6281 standard sill is Part #34970
Splice kit for FG-6280 low profile sill is Part #
Splices packaged 20/box

FG-6282-01 @ FG-6281 standard sill
FG-6298-01 @ FG-6280 low profile sill

Seal back and underside of head and tool sealant

FG-6287-01
OUTSIDE GLAZED, CENTER SET MULLION
FABRICATION USING DRILL FIXTURE

Reference center set assembly
drawings for additional information,
sealant application and extrusions.

Notes:
1. Drill holes for screw splines using a "F" (0.257 dia) drill
Reference front set assembly drawings for additional information, sealant application and extrusions.

Notes:
1. Drill holes for screw splines using a "F" (0.257 dia) drill
Notes:
1. Drill holes in sill member for screw splines using a "F" (0.257 dia) drill
2. Drill holes in SSG mullion for shear block using a "11" (0.191 dia) drill
3. Holes in head member must be prepped by hand. See pages 11 & 12.

Holes "A", "B", "E" and "F" for outside glazed horizontal member

Reference front set assembly drawings for additional information, sealant application and extrusions.

NOTE: THIS SIDE OUT FOR SSG MULLION

Align with top of horizontal

Holes "E" and "F" for jamb member

Holes "A", "B", "E" and "F" for SSG mullion

Holes "A", "B" and "E" for outside glazed horizontal member

Notes:
1. Drill holes in sill member for screw splines using a "F" (0.257 dia) drill
2. Drill holes in SSG mullion for shear block using a "11" (0.191 dia) drill
3. Holes in head member must be prepped by hand. See pages 11 & 12.

NOTE: THIS SIDE OUT FOR SILL MEMBER
FRAME INSTALLATION

FG-6188 PVC filler may be used to improve installation of perimeter seals (optional)

FG-6430-01 head anchor

NOTES:
1. Anchor size and frequency should be determined by structural requirements.
2. Sill and head anchors should be located so that the anchor is not more than 4" away from each side of vertical mullion.
3. Assembly of frames without flashing is not recommended.
4. Assembly of frames using a non-thermal or sheet metal flashing will result in loss of thermal continuity and is not recommended.
5. Do not anchor frame through the vertical leg of subsill.
OUTSIDE GLAZED ANCHORAGE & PERIMETER SEAL

Optional MO-1188/MO-244 Head receptor
Maximum end reaction is 450 lbs

FG-6430-01 head anchor
for center set system only
Maximum end reaction is 600 lbs

Apply sealant along length of sill flashing at point (A).

Once the frame is secured, apply a fillet seal between the sill flashing and the front of the sill member (B).

The quality of the inside and outside perimeter seals (C) may be improved by using FG-6188 PVC filler. The part may be used in full lengths or cut into pieces to provide support for the backer rod regardless of joint size. Interior perimeter seal at the sill (D) is optional and for cosmetic purposes only.

NOTE:

5/16" weep holes required in flashing (E) at centerline of D.L.O.
NOTE:
Adaptors should be installed on interior side of all glazing options.

<table>
<thead>
<tr>
<th>Glass</th>
<th>Adaptor</th>
<th>Gaskets</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot;</td>
<td>FG-3194 (FG-3594 for FG-6344)</td>
<td>FG-1133 Both Sides</td>
</tr>
<tr>
<td>5/16&quot;</td>
<td>FG-3236 (FG-3536 for FG-6344)</td>
<td>FG-5125 Both Sides</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>FG-3236 (FG-3536 for FG-6344)</td>
<td>FG-1133 &amp; FG-5125</td>
</tr>
<tr>
<td>7/16&quot;</td>
<td>FG-3236 (FG-3536 for FG-6344)</td>
<td>FG-1133 Both Sides</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>FG-3237 (FG-3537 for FG-6344)</td>
<td>FG-5125 Both Sides</td>
</tr>
<tr>
<td>9/16&quot;</td>
<td>FG-3237 (FG-3537 for FG-6344)</td>
<td>FG-1133 &amp; FG-5125</td>
</tr>
<tr>
<td>5/8&quot;</td>
<td>FG-3237 (FG-3537 for FG-6344)</td>
<td>FG-1133 Both Sides</td>
</tr>
<tr>
<td>11/16&quot;</td>
<td>FG-3237 (FG-3537 for FG-6344)</td>
<td>FG-1133 &amp; FG-1134</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>FG-3237 (FG-3537 for FG-6344)</td>
<td>FG-1134 Both Sides</td>
</tr>
<tr>
<td>13/16&quot;</td>
<td>None</td>
<td>FG-1133 &amp; FG-3129</td>
</tr>
<tr>
<td>7/8&quot;</td>
<td>None</td>
<td>FG-5125 Both Sides</td>
</tr>
<tr>
<td>15/16&quot;</td>
<td>None</td>
<td>FG-1133 &amp; FG-5125</td>
</tr>
<tr>
<td>1&quot;</td>
<td>None</td>
<td>FG-1133 Both Sides</td>
</tr>
<tr>
<td>1-1/16&quot;</td>
<td>None</td>
<td>FG-1133 &amp; FG-1134</td>
</tr>
<tr>
<td>1-1/8&quot;</td>
<td>None</td>
<td>FG-1134 Both Sides</td>
</tr>
</tbody>
</table>
The example below shows installation of the center set system, options for front or back set are also available. Please reference price catalog for specific extrusions and anchors required for your installation. Please note the locations of various seals and insure proper locations of these seals when installing typical runs and expansion sections of each of these systems. These seals are shown in the sub-sill installation and assembly sections of this manual.

The sub-sills for these products are designed so that sill anchors may be properly sealed prior to frame installation. The frame is either installed over the hook-in anchors or dropped into the sill receptor. This prevents any additional fasteners from penetrating the sill and potentially causing leaks from under the sill. Be sure to properly cap seal all sill anchors prior to beginning installation of frames.

Multiple units may require the use of an expansion mullion if total run exceeds 24 feet in length. When elevation exceeds the 24 foot limit, locate thermal mullions at a distance of no more than every 20 feet. Locate splice in sub-sill at a distance of no more than every 12 feet. A minimum of 7/16" clearance between the jamb and sill end dam must be provided at each end of units when using expansion mullions. This will allow the minimum 3/8" clearance to move the units sideways so that the second unit may be rotated into position and interlocked into first unit. Once in position units should be centered into opening to provide equal joints at the jambs. Oldcastle BuildingEnvelope™ recommends the use of the FG-6188 PVC filler in the jambs and head to improve the perimeter seal.
DOOR FRAME INSTALLATION

NOTES:
1. Use shear blocks as shown in frame assembly section of this manual to secure horizontals to tubular frames as required.
2. Door frame is anchored by fasteners through threshold and door frame header.
3. When using the center set system, the two-piece or tubular framing options are available as shown above. When using the front set system only the tubular option is available. The vertical for the front set option is FG-6287.

Leave front of door jamb clear of sealant for drainage

Run sealant a min of 1" above back of subsill

Bed subsill in sealant at door jamb
## PARTS LIST

### Front Set SSG

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FG-6281</td>
<td>Jamb</td>
</tr>
<tr>
<td>FG-6334</td>
<td>SSG Mullion</td>
</tr>
<tr>
<td>FG-6291</td>
<td>SSG Head</td>
</tr>
<tr>
<td>FG-6332</td>
<td>SSG Horizontal</td>
</tr>
<tr>
<td>FG-3335</td>
<td>Face Stop for FG-6332 Horizontal</td>
</tr>
<tr>
<td>FG-6290</td>
<td>Glass Stop for FG-6291 &amp; FG-6332</td>
</tr>
</tbody>
</table>

### Front Set SSG Accessories

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FG-6391</td>
<td>Shear Block for FG-6332 (Screws Included)</td>
</tr>
<tr>
<td>FG-6188</td>
<td>PVC Flat Filler at Jamb &amp; Head 12'-0&quot; long</td>
</tr>
<tr>
<td>FG-6391</td>
<td>Splice Package for FG-6291 Head</td>
</tr>
<tr>
<td>FG-3000-PP-53</td>
<td>Funnel Bridge for FG-6332</td>
</tr>
<tr>
<td>FG-6100-01</td>
<td>Anchor for FG-6291 Head</td>
</tr>
</tbody>
</table>

### Front Set SSG Accessories

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FG-6381</td>
<td>Splice Package for FG-6281 Standard Sill</td>
</tr>
<tr>
<td>FG-6382</td>
<td>Splice Package for FG-6280 Low Profile Sill</td>
</tr>
<tr>
<td>FG-6214</td>
<td>Center Set 90° Inside Corner (Requires FG-6215)</td>
</tr>
<tr>
<td>FG-6215</td>
<td>Center Set 90° Inside Corner (Requires FG-6214)</td>
</tr>
<tr>
<td>FG-6216</td>
<td>Center Set 90° Outside Corner (Requires FG-6217)</td>
</tr>
<tr>
<td>FG-6217</td>
<td>Center Set 90° Outside Corner (Requires FG-6216)</td>
</tr>
<tr>
<td>FG-6301</td>
<td>Front Set 90° Outside Corner (Requires FG-6302)</td>
</tr>
<tr>
<td>FG-6302</td>
<td>Front Set 90° Outside Corner (Requires FG-6301)</td>
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<tr>
<td>FG-6306</td>
<td>Front Set 90° Inside Corner (2 Per Corner)</td>
</tr>
<tr>
<td>FG-6307</td>
<td>Front Set 90° Inside Corner (Requires FG-6306)</td>
</tr>
<tr>
<td>FG-3126</td>
<td>Snap-In Pocket Filler</td>
</tr>
<tr>
<td>FG-3194</td>
<td>Pocket Reducer for 1/4&quot; Glass</td>
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<td>FG-3126</td>
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### Auxiliary Extrusions

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<td>FG-6333-01</td>
<td>Splice Package for FG-6290</td>
</tr>
<tr>
<td>FG-6188</td>
<td>Shear Block for FG-6332 (Screws Included)</td>
</tr>
<tr>
<td>FG-6188</td>
<td>PVC Flat Filler at Jamb &amp; Head 12'-0&quot; long</td>
</tr>
<tr>
<td>FG-6391</td>
<td>Splice Package for FG-6291 Head</td>
</tr>
<tr>
<td>FG-3000-PP-53</td>
<td>Funnel Bridge for FG-6332</td>
</tr>
<tr>
<td>FG-6100-01</td>
<td>Anchor for FG-6291 Head</td>
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### Auxiliary Extrusions

| FG-3236 | Pocket Reducer for 7/16" Glass |
| FG-3237 | Pocket Reducer for 5/8" Glass |
| FG-3594 | FG-6344 Pocket Reducer for 1/4" Glass |
| FG-3536 | FG-6344 Pocket Reducer for 7/16" Glass |
| FG-3537 | FG-6344 Pocket Reducer for 5/8" Glass |

### Door Frame Components

| FG-6287 | 6" Front Set Door Jamb (Use FG-6284 Filler) |
| FG-6156 | 6" Center Set Door Jamb (Use FG-6344 Filler) |
| F-24 | 6" Door Jamb Common Mullion |
| FG-6163 | 6" Door Header Center Set |
| FG-6387 | 6" Door Header Front Set |
| FG-6160 | 6" Door Header OHCC |
| FG-3324 | Front Set Transom Sash (Use with FG-6163) |
| FG-3325 | Front Set Transom Sash (Use with FG-3324) |
| FG-3157 | Center Set Transom Sash (Use with FG-6163) |
| FG-3158 | Center Set Transom Sash (Use with FG-3157) |
| FG-2145 | Door Stop |
| AC-107-1 | Shear Block for FG-6160 Door Header (Screws Included) |
| FG-3000-FP-48 | Shear Block for FG-6387 Door Header (Screws Included) |
| FG-6188 | PVC Flat Filler Caulk Stop 12'-0" long |
| FG-3218 | Vinyl Pocket Filler for Window Applications 12'-0" long |
| FG-1000-FP-2 | Water Diverter for Center Set Outside Glaze & All Front Set |
| HP-1004 | Weep Baffle |
| FG-6416-01 | Splice for FG-6413 |
| AN-50-01 | End Dam for FG-6413 |
PARTS LIST

Accessories

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<th>Accessories</th>
<th>Description</th>
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<td>Anchor for FG-6231 Head</td>
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<tr>
<td>DJ-7</td>
<td>Drill Fixture for Front Set Shear Block (4 1/2&quot; Door Headers)</td>
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<td>DJ-8</td>
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<tr>
<td>DJ-9</td>
<td>Drill Fixture for Center Set (6&quot; Members)</td>
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<tr>
<td>DJ-10</td>
<td>Drill Fixture for Front Set (6&quot; Members)</td>
</tr>
<tr>
<td>FG-1133</td>
<td>1&quot; Glazing Gasket</td>
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<tr>
<td>FG-1134</td>
<td>Light Gasket</td>
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<tr>
<td>FG-3129</td>
<td>5/8&quot; Glazing Gasket</td>
</tr>
<tr>
<td>FG-5125</td>
<td>Heavy Gasket</td>
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<tr>
<td>FG-3278</td>
<td>Setting Block for FG-3287 Door Header</td>
</tr>
<tr>
<td>HP-17</td>
<td>Setting Block for FG-6293, FG-6294 &amp; FG-3157</td>
</tr>
<tr>
<td>FS-6</td>
<td>#10 x 3/4&quot; PPH Attachment of Shear Blocks at Door Headers</td>
</tr>
<tr>
<td>FS-7 (Clear)</td>
<td>#10 x 3/4&quot; PFH Attachment of Shear Blocks at Door Headers</td>
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<td>FS-8</td>
<td>#14 x 1&quot; HH STS Assembly Screw</td>
</tr>
<tr>
<td>FS-55</td>
<td>#10 x 1/2&quot; PPH Attachment of Shear Blocks at Horizontals</td>
</tr>
<tr>
<td>FS-320</td>
<td>#10 x 1/2&quot; U-Drive Attach End Dam to FG-6413 Sub-Sill</td>
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