Installation Accessories and Applications

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Installation Accessories

Introduction

This section presents available installation accessories which, when used in conjunction with proper Pella installation procedures, will provide for a robust installation for single or combination units. Window and door attachment accessories used for both clad and primed wood exterior units are illustrated in this section.

Aside from attachment accessories, this section reviews accessories to meet the following requirements:

• Combination applications, such as mullion covers, expansion mullion covers, reinforcement mullions and bay and bow accessories.
• Interior casings and stools
• Subsills
• Traditional and flat trim
### Installation Accessories

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Indiv. Part No.</th>
<th>Box No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation Fin</td>
<td>42G7</td>
<td>0BLA</td>
</tr>
<tr>
<td>Head Drip Cap</td>
<td>72GW</td>
<td>0BLB</td>
</tr>
<tr>
<td>Elliptical Head Drip Fin</td>
<td>72Y7</td>
<td>–</td>
</tr>
<tr>
<td>Quarter Circle Head Drip Fin</td>
<td>72Y6</td>
<td>–</td>
</tr>
<tr>
<td>Head Drip Flashing</td>
<td>72WA</td>
<td>0BMS</td>
</tr>
<tr>
<td>Head Flashing</td>
<td>72W8</td>
<td>–</td>
</tr>
<tr>
<td>Receptor</td>
<td>72AK</td>
<td>06Y1</td>
</tr>
<tr>
<td>Receptor Gasket</td>
<td>–</td>
<td>0DA9</td>
</tr>
<tr>
<td>6&quot; Installation Clip</td>
<td>5071</td>
<td>0635</td>
</tr>
<tr>
<td>8&quot; Installation Clip</td>
<td>5071</td>
<td>0BS1</td>
</tr>
<tr>
<td>T-Subframe Clip</td>
<td>5027</td>
<td>0DB0</td>
</tr>
<tr>
<td>3&quot;-wide Smart Flash®</td>
<td>850H0000</td>
<td>0CFV</td>
</tr>
<tr>
<td>Installation Tape (150' rolls)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6&quot;-wide Smart Flash®</td>
<td>850H0004</td>
<td>01FM</td>
</tr>
<tr>
<td>Installation Tape (50' rolls)</td>
<td></td>
<td></td>
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### Subsills

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Indiv. Part No.</th>
<th>Box No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clad/Wood Subsill</td>
<td>4049</td>
<td>0B13</td>
</tr>
<tr>
<td>Subsill Clip</td>
<td>7366</td>
<td>0B14</td>
</tr>
<tr>
<td>Replacement Sill Adaptor</td>
<td>70DK</td>
<td>–</td>
</tr>
</tbody>
</table>

### Wood Sill Plates for Clad Windows

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Indiv. Part No.</th>
<th>Box No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM/AW Sill Plate</td>
<td>2722</td>
<td>0C79</td>
</tr>
<tr>
<td>ProLine® Sill Plate</td>
<td>2772</td>
<td>–</td>
</tr>
</tbody>
</table>

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---
To determine window openings for typical installations, add 3/4" to frame width and 3/4" to frame height.

- For large size units, out of plumb opening, and/or in masonry construction, the need for additional jamb clearances should be reviewed.
- Typical installation details and accessories are shown in the Installation Details and Installation Accessories sections.
- Determine if unit performance meets design requirements. Unit performance class and grade are in each product section.
To determine window openings for typical installations, add 3/4" to frame width and 3/4" to frame height.

- For large size units, out of plumb opening, and/or in masonry construction, the need for additional jamb clearances should be reviewed.
- Typical installation details and accessories are shown in the Installation Details and Installation Accessories sections.
- Determine if unit performance meets design requirements. Unit performance class and grade are in each product section.
Installation Accessories

Clad Wood Subsill

Subsills are recommended for installations where recaulking would be difficult or high weather exposure exists due to the height or location of the building. The need for the subsill weep system is increased where there are multiple units in a given opening.

- Fasten Sill of Unit to Subsill as Required.
- Continuous Bead of Sealant
- FASTEN WOOD SUBSILL TO OPENING @ 16” [406] O.C. SEAL ENDS
- FRAME EXPANDER #47D5 DO NOT SEAL TO OPENING

**NOTE:** SET CLAD WOOD SUBSILL IN SEALANT AND SEAL ENDS AND EXTERIOR BOTTOM EDGE TO OPENING. WINDOW OPENING SILL MUST BE LEVEL PRIOR TO SETTING SUBSILL.

Scale 3" = 1' 0"

- A continuous perimeter line of sealant is required on the interior with clad/wood subsill #4049.
- Where the aluminum comes into contact with the cement materials, apply protective coating to separate galvanically incompatible materials.
- The clad/wood subsill is a primed, preservative treated wood for use with Pella aluminum clad/wood windows.
- The aluminum frame expander covers the front edge of the subsill.

Used with Pella clad windows.

**Detail at right:** Custom 0.05” (1.27) aluminum sill flashing used with clad wood subsill.
Installation Accessories

L Receptor Application

Scale 6" = 1' 0"

4"  [102]

1 5/8"  [33]

#72AK

Used at head and jambs where interior installation is required. A subsill is recommended at sill. Unit attaches to receptor with clip #5027.

Scale 3" = 1' 0"

Sealant. by Others
RECEPTOR #72AK
VINYL BULB GASKET #0DA9 OR SEALANT TAPE
INSTALLATION CLIPS #5027
@ 16" (406) O.C.

Studs by Others
Shim and Plumb Units as Required

1" Continuous Bead of
DOW® GREAT STUFF™ PRO
Window and Door Sealant.

Perimeter clip spacing to be 6" (152) from the edge of each unit and 6" (152) from both sides of a joining mullion. Typical spacing: 16" (406) O.C. Each clip will hold 100lb. if attached with anchors that will hold 100lb.

INSTALLATION CLIP #5071
Installation clips #5071 are to be spaced @ 16" (457) O.C. (minimum of two per side) at head, jambs and sill. See schematic drawing.

Water Resistant Backer Rod and Sealant. by Others
INSTALLATION CLIP #5071
@ 16" (406) O.C.

Continuous Wood Blocking, Wood Trim. by Others

1" Continuous Bead of
DOW® GREAT STUFF™ PRO
Window and Door Sealant.

Shim and Plumb Units as Required
## Installation Accessories

### Bay/Bow Mullion Accessories

#### Bay and Bow Mullion Accessories

<table>
<thead>
<tr>
<th>Bay Wedges</th>
<th>Indiv. Part No.</th>
<th>Box No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>12° 45'</td>
<td>33CX</td>
<td>0B19</td>
</tr>
<tr>
<td>30°</td>
<td>33CW</td>
<td>0B20</td>
</tr>
<tr>
<td>45°</td>
<td>34A3</td>
<td>0B21</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mullion Covers</th>
<th>Indiv. Part No.</th>
<th>Box No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>12° 45'</td>
<td>72A3</td>
<td>0B43</td>
</tr>
<tr>
<td>30°</td>
<td>72A4</td>
<td>0B37</td>
</tr>
<tr>
<td>45°</td>
<td>72A5</td>
<td>0C72</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Jamb Covers</th>
<th>Indiv. Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>12° 45'/30°</td>
<td>47L2</td>
</tr>
<tr>
<td>45°</td>
<td>47K4</td>
</tr>
</tbody>
</table>

See the Architectural Design Manual Bay/Bow section for cross sections of application.
## Exterior Mullion Covers

<table>
<thead>
<tr>
<th>Mullion Cover</th>
<th>A (Frame to Frame)</th>
<th>B (Overall Part Dimension)</th>
<th>Part Number</th>
<th>Thickness (In.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard (Direct)</td>
<td>0&quot;</td>
<td>3/8</td>
<td>7217</td>
<td>0.047</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>1/2&quot;</td>
<td>7/8</td>
<td>736M</td>
<td>0.047</td>
</tr>
<tr>
<td>1&quot;</td>
<td>1&quot;</td>
<td>1-3/8</td>
<td>736N</td>
<td>0.047</td>
</tr>
<tr>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>1-7/8</td>
<td>736P</td>
<td>0.047</td>
</tr>
<tr>
<td>2&quot;</td>
<td>2&quot;</td>
<td>2-3/8</td>
<td>72A9</td>
<td>0.047</td>
</tr>
<tr>
<td>2-1/2&quot;</td>
<td>2-1/2&quot;</td>
<td>2-7/8</td>
<td>736T</td>
<td>0.047</td>
</tr>
<tr>
<td>3&quot;</td>
<td>3&quot;</td>
<td>3-3/8</td>
<td>736U</td>
<td>0.060</td>
</tr>
<tr>
<td>3-1/2&quot;</td>
<td>3-1/2&quot;</td>
<td>3-7/8</td>
<td>736V</td>
<td>0.060</td>
</tr>
<tr>
<td>4&quot;</td>
<td>4&quot;</td>
<td>4-3/8</td>
<td>736W</td>
<td>0.060</td>
</tr>
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</table>

**Custom (Break Metal)**

<table>
<thead>
<tr>
<th>Width</th>
<th>B = A + 3/8&quot;</th>
<th>100 Mullion Cover</th>
<th>Thickness (In.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min 5/8&quot;</td>
<td>100 Mullion Cover</td>
<td>0.050</td>
<td></td>
</tr>
<tr>
<td>Max 12&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For all but direct mullion, dimension A is to inside of bends. Frame to Frame plus 1/4" equals dimension to inside of bends.

A = B - 3/8"

Standard mull covers are extruded aluminum.

---

**Break Metal**

100 Mullion Cover

<table>
<thead>
<tr>
<th>Width</th>
<th>A = B - 3/8&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min 5/8&quot;</td>
<td>100 Mullion Cover</td>
</tr>
<tr>
<td>Max 12&quot;</td>
<td></td>
</tr>
</tbody>
</table>

---

**Standard EnduraClad Mullion Covers**

---

**3 1/2" Mullion Cover**

3" Structure

---

**Break Metal**

100 Mullion Cover

---

**3" Mullion Cover**

3 1/2" Mullion Cover

---

**3 1/2" Mullion Cover**

4" Mullion Cover

---

**3" Mullion Cover**

Break Metal 100 Mullion Cover
Installation Accessories

Mullion Applications

100 Mullion cover is fabricated from 0.050” Aluminum for widths of 5/8” to 12” (16 - 305).

(Dimension A is to inside of bends. Frame to Frame plus 1/4" equals dimension to inside of bends.)

Use of installation fins #42G7 recommended with 90° mullion.

Scale 6” = 1’ 0”

CUSTOM BREAK METAL MULLION COVER

Scale 3” = 1’ 0”

90° MULLION COVER #4994

NOTE: APPLY CONTINUOUS BEAD OF SEALANT TO INSIDE CORNERS OF MULLION COVER BEFORE INSTALLING UNITS.

CONTINUOUS INSTALLATION FINS #42G7

CONTINUOUS WOOD BLOCKING, WOOD TRIM, BACKER ROD AND SEALANT BY OTHERS

SHIM AND LEVEL UNITS AS REQUIRED

INSTALLATION CLIPS #5071 @ 18” (457) O. C. (REFER TO PAGE (17) FOR ADDITIONAL SPACING INFORMATION

Mullion covers are not intended to create a completely waterproof seal. See typical sealant details.
Installation Accessories

Mullion Applications

**Mullion Applications**

**Scale 6” = 1' 0”**

**STANDARD MULLION COVER #7217**

Used to join two clad units where no mullion reinforcement is required.

**1/2” MULLION COVER #736M**

Typically used with 1/2” (10) mullion reinforcement #0A6G.

**INTERIOR WOOD MULLION COVER #2941**

**CORRUGATED FASTENERS @ 12” (305) O.C. BY OTHERS**

**NOTE:** Apply continuous bead of sealant to inside corners of mullion cover before installing to units.

**1” x 1/2” CROWN STAPLE B.O.**

**CONTINUOUS SEALANT BY OTHERS**

**STANDARD SIZE MULLION COVERS AVAILABLE IN 1/2” INCREMENTS FROM 1” TO 4” AS NEEDED.**

**NOTE:** Apply continuous bead of sealant to inside corners of mullion cover before installing to units.

Mullion covers are not intended to create a completely waterproof seal. See typical sealant details.
## Installation Accessories

### Mullion Reinforcements

**Scale 3" = 1' 0"**

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Indiv. Part No.</th>
<th>Box No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mullion Reinforcement 1/2&quot; x 3-9/16&quot;</td>
<td>0A6G</td>
<td>0EUA</td>
</tr>
<tr>
<td>Mullion Reinforcement 1/2&quot; x 4-9/16&quot;</td>
<td>0A6K</td>
<td>0EUL</td>
</tr>
<tr>
<td>Clip Mullion Anchor</td>
<td>512C</td>
<td>00NN0003</td>
</tr>
<tr>
<td>High Performance Mullion Anchor</td>
<td>000F</td>
<td>0CSL0025</td>
</tr>
<tr>
<td>Wood Mullion Anchor</td>
<td>512A</td>
<td>00NN0001</td>
</tr>
<tr>
<td>Mullion End Splice - 96&quot;</td>
<td>72WQ</td>
<td>0CUH</td>
</tr>
<tr>
<td>Subsill Mullion Anchor</td>
<td>512B</td>
<td>00NN0002</td>
</tr>
<tr>
<td>Fin Mullion Anchor</td>
<td>512D</td>
<td>00NN0004</td>
</tr>
<tr>
<td>20&quot; Plate</td>
<td>500P</td>
<td>0DKM0000</td>
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</table>
### Installation Accessories

**Reinforcing Mullion Applications**

1. Attach 1/2” mullion reinforcements with clips #512C, 000F, 512B or 512D.
2. Can be used either horizontally or vertically for wind load mullion reinforcement. Note: Recommended use is vertically with subsill for large combination assemblies.
3. Do not use as part of building structure.
4. Refer to Combinations Section for wind load information, (max. Length 144”).

**NOTE:** Apply continuous bead of sealant to inside corners of mullion cover before installing to units.

---

**Example Assembly**

Refer to the Combination Recommendations section and Combination size tables to determine required reinforcement method.

**Factory Assembled Wood Mullion End Anchors**

Rough Framing: Wood, Concrete, CMU, etc.

Wood Mullion Anchor

Wood Reinforcing mullion 1” to 4” on 1/2” increments.

**End Anchors Attachment:**
- For Wood Framing: Use 5 - #10 x 3” Wood Screws.
- For Concrete/CMU: Use 5-3/16” Masonry Screw.

**1/2” Fin Mullion End Anchors**

Rough Framing: Wood, Concrete, CMU, etc.

Fin Anchor #512D

1/2” x 3-9/16” Reinforcing mullion #0A6G

**End Anchors Attachment:**
- For Wood: Use 5 - #10 x 3” Wood Screws.
- For Concrete/CMU: Use 3/16” Masonry Screw.

---

The 1/2” mullion assembly with end anchors 512D (fin mullion anchor), 000F (high performance fin mullion anchor) or 512A (wood fin mullion anchor) allow for installation of combinations that are assembled prior to being placed in the opening. Combinations assembled with this method should not exceed 144 square feet in total size. Always handle combinations in vertical orientation.

---

![Diagram](image-url)
Installation Accessories

Expansion Mullions, T-Expansion Mullion - Cover Applications

Scale 6" = 1' 0"

T-EXPANSION MULLION #72AL

Scale 3" = 1' 0"

Wood Trim by Others. Attach to one window unit only.

1" Continuous Bead of DOW® GREAT STUFF™ PRO Window and Door Sealant.

INSTALLATION CLIP #5027 @ 18" (457) O.C.

T-EXPANSION MULLION #72AL SCREW TO WINDOW FRAME @ 18" (457) O.C.

VINYL BULB GASKET #0DA9

Used when a narrow expansion mullion appearance is desired. Subsill recommended for use with this accessory. Not to be used as mullion reinforcement. Use in vertical mullion applications only.

SPECIAL EXPANSION MULLION COVER

#49A1M101

Wood Trim by Others. Attach to one window unit only.

1" Continuous Bead of DOW® GREAT STUFF™ PRO Window and Door Sealant.

INSTALLATION CLIPS #5071 @ 18" (457) O.C.

Shim and Plumb Units as Required

Water Resistant Backer Rod and Sealant by Others

CUSTOM 0.050" (1.27)
ALUMINUM MULLION COVER

Fabricated of 0.050" (1.27) aluminum to custom dimensions as required.
Expansion Mullion Cover Applications

**Fin Installation**

**Clip Installation**

**EXPANSION MULLION COVER**

- **72HF**

**INSTALLATION CLIPS #5071 @ 18" (457) O.C.**

- SHIM AND LEVEL UNITS AS REQUIRED
- CONTINUOUS WOOD BLOCKING, WOOD TRIM, BACKER ROD AND SEALANT BY OTHERS

**FIN INSTALLATION**

**CLIP INSTALLATION**

**EXPANSION MULLION COVER WITH VINYL BULB GASKET**

- **1AAF**

**INSTALLATION CLIPS #5071 @ 18" (457) O.C.**

- CONTINUOUS WOOD BLOCKING, WOOD TRIM, BACKER ROD AND SEALANT BY OTHERS

**NOTE:** APPLY CONTINUOUS BEAD OF SEALANT TO INSIDE CORNERS OF MULLION COVER BEFORE INSTALLING UNITS.
Installation Accessories

New Construction – Punched Opening Mulling Considerations

Refer to single-unit opening recommendations in addition to the following:

1. 1/2" clearance is recommended at each jamb in masonry construction and/or when window opening height or width is 10' or greater.
2. All four-way mullion intersections require reinforcing mullion in one direction (either vertically or horizontally). See mullion load chart pages in the Installation section on PellaADM.com.
3. Check combination (joining) mullion limitation for specified wind loading. Combination (joining) and reinforcing mullions are shown on the mullion load chart pages in the Installation section on PellaADM.com.
4. Subsill systems that weep incidental moisture to the exterior are recommended for water management in openings where the potential for water infiltration is increased and may not be adequately managed by the building weather barrier, flashings and drainage system. Sample conditions include, but are not limited to: increased level of exposure due to multi-story construction, high weather exposure, recaulking would be difficult or unlikely, non-standard installation methods, or when there are multiple units joined within the opening.

If lower unit is venting, horizontal reinforcing mullion may be required to carry weight of upper units. See Weight Limitations Over Windows information in the Installation and Performance section on PellaADM.com.
Installation Accessories

L-Receptor and 2" Vertical Structural Receptor

L-Receptor
L-Receptor Clip
Bulb Gasket

CLAD / WOOD SUBSILL 4049 & CLIP 7366

2" Structural Receptor Mullion 0APK

SILL
HEAD
JAMB
VERTICAL MULLION
Refer to single-unit opening recommendations in addition to the following:

- 1/2” clearance is recommended at each jamb in masonry construction and/or when window opening height or width is 10’ or greater.
- All four-way mullion intersections require reinforcing mullion in one direction (either vertically or horizontally). See mullion load chart pages in the Installation section on PellaADM.com.
- Check combination (joining) mullion limitation for specified wind loading. Combination (joining) and reinforcing mullions are shown on the mullion load chart pages in the Installation section on PellaADM.com.
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If lower unit is venting, horizontal reinforcing mullion may be required to carry weight of upper units. See Weight Limitations Over Windows information in the Installation and Performance section on PellaADM.com.
Refer to single-unit opening recommendations in addition to the following:

- 1/2" clearance is recommended at each jamb in masonry construction and/or when window opening height or width is 10' or greater.

- All four-way mullion intersections require reinforcing mullion in one direction (either vertically or horizontally). See mullion load chart pages in the Installation section on PellaADM.com.

- Check combination (joining) mullion limitation for specified wind loading. Combination (joining) and reinforcing Mullions are shown on the mullion load chart pages in the Installation section on PellaADM.com.

- Subsill systems that weep incidental moisture to the exterior are recommended for water management in openings where the potential for water infiltration is increased and may not be adequately managed by the building weather barrier, flashings and drainage system. Sample conditions include, but are not limited to: increased level of exposure due to multi-story construction, high weather exposure, recaulking would be difficult or unlikely, non-standard installation methods, or when there are multiple units joined within the opening.

If lower unit is venting, horizontal reinforcing mullion may be required to carry weight of upper units. See Weight Limitations Over Windows information in the Installation and Performance section on PellaADM.com.
Installation Accessories

New Construction – Window Walls

1. SILL
2. HEAD
3. HORIZONTAL MULLION
4. JAMB
5. VERTICAL MULLION - STEEL OPTION
6. VERTICAL MULLION

Scale 3" = 1’ 0’
Installation Accessories

Field Applied Exterior Traditional Trim and Clad Sill Nose - Siding Application

Aluminum traditional flat trim is to be used in frame construction with standard installation fins only. Maximum length is 8'.

SHIM AND LEVEL UNITS AS REQUIRED
CONTINUOUS WOOD BLOCKING, WOOD TRIM, BACKER ROD AND SEALANT BY OTHERS
Installation Accessories

Field Applied Exterior Traditional Trim and Clad Sill Nose - Brick Veneer Application

Aluminum traditional flat trim is to be used in frame construction with standard installation fins only.
Maximum length is 8'.

SHIM AND LEVEL UNITS AS REQUIRED
CONTINUOUS WOOD BLOCKING, WOOD TRIM, BACKER ROD AND SEALANT BY OTHERS

Field Applied Exterior Trim

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Indiv. Part No.</th>
<th>Box No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Traditional Trim</td>
<td>72D6</td>
<td>0DC3</td>
</tr>
<tr>
<td>3-1/2&quot; Flat Trim Head</td>
<td>72D4</td>
<td>0DC4</td>
</tr>
<tr>
<td>3-1/2&quot; Flat Trim Jamb</td>
<td>72D5</td>
<td>0DC5</td>
</tr>
<tr>
<td>1/2&quot; Clad Sill Nose</td>
<td>72D8</td>
<td>0DC6</td>
</tr>
</tbody>
</table>

Protect units from excess mortar when placing brick around opening.

SILL NOSE #72D8

Scale 6" = 1' 0"

Scale 3" = 1' 0"
Aluminum traditional flat trim is to be used in frame construction with standard installation fins only. Maximum length is 8'.
Installation Accessories

Frame Expander, Frame Expander Receptor

Application: New Construction or Renovation
- For use with aluminum-clad wood windows
- Provides the look of flat trim
- Receptor available for wide trims
- Paint finish that matches windows
- Available with or without brickmould
- Custom brickmould profiles available
- Straight or curved
- Trim to frame opening
- Factory Supplied Frame Expander Kits available, trim is processed and notched to length per unit configuration, saves time and scrap on the job site.

Used at head, jamb and/or sill.

PELLA Window and Door Installation Sealant, and Water Resistant Backer Rod and Sealant. by Others

Low Expansion, Low Pressure Polyurethane Insulating Window and Door Sealant, (do not use high pressure or latex foam.)

INSTALLATION CLIPS @ 18" (457) O.C.

Continuous Wood Blocking, Wood Trim Continuous Bead of Sealant by Others.

JAMB

SCALE 6" = 1' 0"

FRAME EXPANDER RECEPTOR
Used to receive and trim outside edge of frame expander as an alternate to face-screwing edge into blocking. Return leg can be field-trimmed as required.

SCALE 3" = 1' 0"

PELLA Window and Door Installation Sealant, and Water Resistant Backer Rod and Sealant. by Others

Low Expansion, Low Pressure Polyurethane Insulating Window and Door Sealant, (do not use high pressure or latex foam.)

INSTALLATION CLIPS @ 18" (457) O.C.

Continuous Wood Blocking, Wood Trim Continuous Bead of Sealant by Others.

HEAD

Frame Expander, Frame Expander Receptor
Installation Accessories

New Construction Exterior Trim - Aluminum Brickmould with Clip

Frame Expander

Custom Brickmould with Clip

Scale 3" = 1' 0"
Installation Accessories

Renovation Exterior Trim - Aluminum Brickmould with Clip

Frame Expander

Custom Brickmould with Clip

Scale 3" = 1' 0"
**Historic Brickmould Extruded Frame Expanders**

- **Architect Series Double Hung** (Traditional, Contemporary, and Reserve)
  - Trim # 19875

- **All other Clad Wood products including Architect Series Monumental Hung**
  - Trim # 19876

- **3 Step Historic Brickmould with Clip Brickmould**
  - Brickmould # 19874
  - Clip # 72AQ

- **119 Break Metal Configured as needed to actual project conditions.**
  - Sill Cover # 49A1M119

*This configuration of extruded brickmould and break metal sill cover has previously been approved for use with historic projects. It is available through custom quoting as noted below. Please verify approval with local historic review board prior to ordering. Custom variations are available upon request.*
Factory Installed Guidelines

- Maximum size is 138" x 101"
- Trim comes assembled and installed on unit and includes endcaps and fins as necessary.
- Factory Applied Trim is available on all Aluminum Clad products, including curved and angled shapes, with the following exceptions:
  - Architect Series® and Designer Series® four-panel patio doors
  - ProLine® hinged and sliding doors
  - Precision Fit® pocket replacement windows
  - Bay / Bow windows
  - Architect Series® Specialty windows

### Sill Nose Compatibility

<table>
<thead>
<tr>
<th>Sill Nose</th>
<th>1/2&quot; Sill Nose</th>
<th>1&quot; Sill Nose</th>
<th>2&quot; Sill Nose</th>
<th>3-1/2&quot; Flat Casing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1/2&quot; Brickmould</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>3-1/2&quot; Brickmould</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>3-1/2&quot; Flat Casing</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Monroe</td>
<td>●</td>
<td>●</td>
<td></td>
<td></td>
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</table>

#### HEAD DRIP CAP

<table>
<thead>
<tr>
<th>11/16&quot; [43]</th>
<th>1 1/16&quot; [50]</th>
<th>2&quot; [67]</th>
<th>2.5/16&quot; [60]</th>
<th>1 3/8&quot; [40]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard 50GU</td>
<td>Monroe 50GN</td>
<td>Jefferson 50GC</td>
<td>3 1/2&quot; Flat Casing 50NM</td>
<td>3 1/2&quot; Brickmould 50G9</td>
</tr>
</tbody>
</table>

#### TRIM PROFILES

<table>
<thead>
<tr>
<th>1 1/16&quot; [59]</th>
<th>2 3/16&quot; [60]</th>
<th>3 1/2&quot; [69]</th>
<th>2 1/4&quot; [57]</th>
<th>1 3/8&quot; [69]</th>
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</thead>
<tbody>
<tr>
<td>Brickmould 70F5</td>
<td>Monroe 50GF</td>
<td>3 1/2&quot; Brickmould 50G9</td>
<td>Jefferson 50GC</td>
<td>3 1/2&quot; Flat Casing 50GJ</td>
</tr>
</tbody>
</table>

#### SILL NOSE

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot; Nose 50GZ</td>
<td>1&quot; Nose w/ Nose Extension 50H5, 50H8</td>
<td>2&quot; Nose w/ Nose Extension 50H1, 50H8</td>
<td>3 1/2&quot; Flat Casing 50MD</td>
<td>3 1/2&quot; Flat Casing 50MD</td>
</tr>
</tbody>
</table>

#### NEW CONSTRUCTION FIN

- Standard Clad Trim Fin 70F2
- Standard Clad Trim Fin 50HB
- Standard Clad Trim Sill Fin 70F4

#### RENOVATION REPLACEMENT FIN

- Standard Clad Trim Replacement Fin 50HE
- Clad Trim Replacement Fin 50H9
- Standard Clad Trim Replacement Sill Fin 50HJ
Installation Accessories

Factory Applied EnduraClad® Exterior Trim Ordering Information

Head to Jamb joints are mitered except for 3-1/2” Flat Casing, which uses butt joints and head end caps.

All applied trim includes end caps as needed and installation fin as determined by your selections (new construction or replacement/renovation).

3-1/2” Trim fins are used for flashing purposes only, and are not intended for anchoring/attachment of the unit.

Performing whole unit field application of EnduraClad Exterior Trim in the field may result in voiding product warranties.

Jamb pieces are mitered to the slope of the sill. The sill is notched where the jambs meet the sill. Sill nose extensions are included where needed. Sill end caps are included.

All example images on this page use 1-1/2” Brickmould with 1/2” Sill nose

<table>
<thead>
<tr>
<th>Frame to Exterior Trim</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1/2&quot; Brickmould</td>
<td>+1.18”</td>
<td>+1.18”</td>
<td>–</td>
</tr>
<tr>
<td>3-1/2&quot; Brickmould</td>
<td>+3.21”</td>
<td>+3.21”</td>
<td>–</td>
</tr>
<tr>
<td>3-1/2” Flat Casing</td>
<td>+3.21”</td>
<td>+3.21”</td>
<td>+3.21”</td>
</tr>
<tr>
<td>Jefferson</td>
<td>+3.21”</td>
<td>+3.21”</td>
<td>–</td>
</tr>
<tr>
<td>Monroe</td>
<td>+1.18”</td>
<td>+1.18”</td>
<td>–</td>
</tr>
</tbody>
</table>

These dimensions do NOT include 3/8” per side for sealant, foam and backer rod, only the dimension of the trim beyond the unit frame.
Installation Accessories

Factory Applied EnduraClad® Exterior Trim Siding Applications

SHIM AND LEVEL UNITS AS REQUIRED

CONTINUOUS WOOD BLOCKING, WOOD TRIM, BACKER ROD AND SEALANT BY OTHERS
Factory Applied EnduraClad® Exterior Trim Brick Veneer Applications

SHIM AND LEVEL UNITS AS REQUIRED

CONTINUOUS WOOD BLOCKING, WOOD TRIM, BACKER ROD AND SEALANT BY OTHERS

Protect units and trim from excess mortar when placing brick around opening.
SHIM AND LEVEL UNITS AS REQUIRED

CONTINUOUS WOOD BLOCKING, WOOD TRIM, BACKER ROD AND SEALANT BY OTHERS
Installation Accessories
Receptor and Subframe Systems - T-Subframe Application

**Installation Accessories**

**MAX. 2 7/8" EXISTING OPENING**
- 5/8" SUBFRAME
- 3/8" FRAME
- 3/4" SUBFRAME

**MASONRY OPENING**
- 3 1/2" MAX.
- 3 1/2" MAX.
- 3" MAX.

**PACKAGE #0DB00000: WINDOW CLIP #5027 AND #8x5/8" PAN HEAD PHILLIPS SCREW**

**NOTE:** Subframe leg may be field-cut as required.

**T-SUBFRAME HEAD**
- #72F6

**T-SUBFRAME JAMB**
- #73H9

**SUBFRAME CLIP**
- #7363

**T-SUBFRAME SILL**
- #73H8

Existing Wall Construction and Steel Frame.

Existing Wall Construction and Steel Frame.

Existing Wall Construction and Steel Frame.

**CLIP #7363**

**#72F6 T-SUBFRAME HEAD**

**#73H9 T-SUBFRAME JAMB**

**#7363 SUBFRAME CLIP**

**3" T-SUBFRAME SILL**

**Clips and Subframe Systems - T-Subframe Application**
Installation Accessories

Receptor and Subframe Systems - Standard Subframe Application

Continuous Perimeter Sealant (See installation instructions)

*NOTE: Subframe leg may be field-cut as required.

SUBFRAME CLIP #7363

SUBFRAME HEAD #7355

SUBFRAME JAMB #7357

SUBFRAME SILL #7360

PACKAGE #0B05000: WINDOW CLIP #5087 AND #8x5/8" PAN HEAD PHILLIPS SCREW

Scale 3" = 1' 0"
The PELLA® subframe expander may be used at either head or jamb to extend the subframe flange to reach the existing construction. Typically used in curved top openings.

CUSTOM 0.05" ALUMINUM TRIM #M102

Custom 0.05" aluminum parts may be manufactured to enhance transitions between subframe components. Typically used at mullions.

*3-1/2" min. for 12' 0" lengths
2" min. for 8' 0" lengths
The Pella accessory system includes all of the most-often-specified standard items shown in this Architectural Design Manual as well as other specials shown here.

In addition, completely custom/special installation, panning, and trim systems can be designed and fabricated by Pella for specific project requirements. Shapes shown on the next two pages can be ordered to various dimensions needed. Consult your local Pella sales representative.

**Mullion Covers**

- #49A1M100
- #49A1M103
- #49A1M104

**Mullion Trim**

- #49A1M101
- #49A1M102
- #49A1M114
- #49A1M115

**SILL TRIM**

**Head Jamb Trim**

- #49A1M105
- #49A1M106
- #49A1M109
- #49A1M110
- #49A1M111
- #49A1M112
Installation Accessories

Break Metal - Sill Flashing

Sill Flashing

Break Metal - Sill Flashing

Attachment Clip
Installation Accessories

Break Metal - Sill Flashing Application

Custom Aluminum Sill Flashing

- Custom 0.050" (1.27) aluminum sill flashings can be fabricated to specifications as required. Detail shows typical conditions where custom aluminum sill flashing might be used.
- The use of this sill flashing is recommended only in climates where thermal conductance is not likely to occur.
- Where aluminum comes into contact with cement materials or steel, apply protective coating to separate galvanically incompatible materials.
Wood Exterior Mullion Covers

**Interior Mullion Covers**

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Indiv. Part No.</th>
<th>Box No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casement Interior</td>
<td>26A9</td>
<td>09GK</td>
</tr>
<tr>
<td>Double-Hung Interior</td>
<td>2600</td>
<td>0BMU</td>
</tr>
<tr>
<td>Bay Interior</td>
<td>3015</td>
<td>0B42</td>
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</table>

**Exterior Mullion Covers**

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Indiv. Part No.</th>
<th>Box No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casement Exterior-Horizontal</td>
<td>2903</td>
<td>0B97</td>
</tr>
<tr>
<td>Casement Exterior-Vertical</td>
<td>2942</td>
<td>0921</td>
</tr>
<tr>
<td>Double-Hung Exterior-Horizontal</td>
<td>29T0</td>
<td>–</td>
</tr>
<tr>
<td>Double-Hung Exterior-Vertical</td>
<td>3046</td>
<td>06M2</td>
</tr>
<tr>
<td>Bow Casement Exterior</td>
<td>3149</td>
<td>0B44</td>
</tr>
</tbody>
</table>

See the Bay/Bow Section in the Architectural Design Manual for application details.
**Installation Accessories**

**Wood Exterior Brickmould and Subsill**

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Indiv. Part No.</th>
<th>Box No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-1/2&quot; with Rabbet</td>
<td>38L6</td>
<td>0F08</td>
</tr>
<tr>
<td>3-1/2&quot; without Rabbet</td>
<td>38L5</td>
<td>0F07</td>
</tr>
<tr>
<td>3-1/2&quot; Flat Casing with Rabbet</td>
<td>380R</td>
<td>0DAZ</td>
</tr>
<tr>
<td>1-7/8&quot; Curved with Rabbet</td>
<td>33M4</td>
<td>–</td>
</tr>
<tr>
<td>1-7/8&quot; Curved without Rabbet</td>
<td>33P2</td>
<td>–</td>
</tr>
<tr>
<td>1-7/8&quot; with Rabbet</td>
<td>3443</td>
<td>0B96</td>
</tr>
<tr>
<td>1-7/8&quot; without Rabbet</td>
<td>3419</td>
<td>0BB0</td>
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</tbody>
</table>

**Subsills and Exterior Trim**

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Indiv. Part No.</th>
<th>Box No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1/8&quot; Subsill</td>
<td>3544</td>
<td>0920</td>
</tr>
<tr>
<td>1-7/8&quot; Subsill</td>
<td>250H</td>
<td>093H</td>
</tr>
<tr>
<td>Double-Hung Sill Nose</td>
<td>3315</td>
<td>0C29</td>
</tr>
<tr>
<td>Sill Flashing</td>
<td>–</td>
<td>0D98</td>
</tr>
</tbody>
</table>

Scale 3" = 1' 0"
Installation Accessories

Interior Trim - Casing

RANCH

CRAFTSMAN

COLONIAL

PROVINCIAL

Scale 3" = 1' 0"
## Installation Accessories

### Interior Trim - Jamb Extensions

#### Scale 3" = 1' 0"

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Indiv. Part No. (Straight)</th>
<th>Box No. (Straight)</th>
<th>Indiv. Part No. (Curved)</th>
<th>Box No. (Curved)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot; Jamb Extension</td>
<td>250R</td>
<td>0654</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3/4&quot; Jamb Extension</td>
<td>-</td>
<td>-</td>
<td>28CU</td>
<td>0BM7</td>
</tr>
<tr>
<td>27/32&quot; Jamb Extension</td>
<td>283G</td>
<td>0930</td>
<td>28EA</td>
<td>0BUL</td>
</tr>
<tr>
<td>1-1/2&quot; Jamb Extension</td>
<td>301E</td>
<td>0648</td>
<td>30K7</td>
<td>0BUK</td>
</tr>
<tr>
<td>2&quot; Jamb Extension with Holes</td>
<td>31J1</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2&quot; Jamb Extension</td>
<td>311M</td>
<td>06EN</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2-3/8&quot; Jamb Extension</td>
<td>311Q</td>
<td>06EP</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2-27/32&quot; Jamb Extension</td>
<td>311J</td>
<td>06ER</td>
<td>31A9</td>
<td>0BUJ</td>
</tr>
<tr>
<td>3-1/2&quot; Jamb Extension</td>
<td>324A</td>
<td>06ET</td>
<td>32EK</td>
<td>0BUH</td>
</tr>
<tr>
<td>3-1/2&quot; Jamb Extension with Holes</td>
<td>3268</td>
<td>0C83</td>
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<td>0BM6</td>
</tr>
<tr>
<td>5-1/2&quot; Jamb Extension</td>
<td>30NR</td>
<td>0DYX</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Installation Accessories

Renovation – Exterior Pocket Installation

- Fully assembled standard double-hung window
- Slides easily into existing pocket from the exterior
- Trim, wall coverings, paint and plaster are usually not disturbed
- Eliminates cost and inconvenience of a complete tear-out
- Installs from the exterior
• Fully assembled Precision Fit® double-hung, awning or casement window
• Slides easily into existing pocket from the interior
• Trim, wall coverings, paint and plaster are usually not disturbed
• Eliminates cost and inconvenience of a complete tear-out
• Installs from the interior