Installation Accessories and Applications

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The information published in this document is believed to be accurate at the time of publication. However, because we are constantly working to improve our products, content is subject to change without notice. Some content may not reflect the most current product offering, but installation concepts still apply. Consult your local Pella representative for up-to-date product information.
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
- Sills
- Traditional and flat trim

---

**Single and combination window openings rough opening clearance recommendations**

<table>
<thead>
<tr>
<th></th>
<th>Single Opening</th>
<th>Combinations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Aluminum-Clad Wood</strong></td>
<td>$\frac{3}{8}$” ($\frac{3}{4}$” total)</td>
<td>$\frac{1}{2}$” to $\frac{5}{8}$” ($1$” to $1\frac{1}{4}$” total)</td>
</tr>
<tr>
<td><strong>Pella® Impervia® Fiberglass</strong></td>
<td>$\frac{1}{4}$” ($\frac{1}{2}$” total)</td>
<td>$\frac{1}{2}$” ($1$” total)</td>
</tr>
<tr>
<td><strong>Pella® 250 Series Vinyl</strong></td>
<td>$\frac{1}{4}$” ($\frac{1}{2}$” total)</td>
<td>$\frac{3}{8}$” ($\frac{3}{4}$” total)</td>
</tr>
<tr>
<td><strong>Encompass by Pella® Vinyl</strong></td>
<td>$\frac{1}{4}$” ($\frac{1}{2}$” total)</td>
<td>$\frac{3}{8}$” ($\frac{3}{4}$” total)</td>
</tr>
</tbody>
</table>

Door rough openings should be sized as shown above for width and $\frac{1}{2}$” greater than frame in height. Door sill clearance is $0$”.

Increase rough opening clearances to accommodate flashing material build-up to maintain the dimensions shown above.

Additional clearance may be necessary for combination assemblies or installation accessories, consult with your Pella sales representative or Pella Architectural Solutions for details.
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>0B51</td>
</tr>
<tr>
<td>T-Subframe Clip</td>
<td>5027</td>
<td>0DB0</td>
</tr>
<tr>
<td>3&quot;-wide Smart Flash® Installation Tape (150' rolls)</td>
<td>850H0000</td>
<td>0CFV</td>
</tr>
<tr>
<td>6&quot;-wide Smart Flash® Installation Tape (50' rolls)</td>
<td>850H0004</td>
<td>01FM</td>
</tr>
</tbody>
</table>

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>

CLAD WOOD SUBSILL #4049
AND CLIP #7366

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>Lifestyle Series Sill Plate</td>
<td>2772</td>
<td>—</td>
</tr>
</tbody>
</table>
Installation Accessories

Installation Fin

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.

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

*NOTE: INSTALLATION FIN COMES INSTALLED ON THE WINDOW AND LAYS FLAT READY TO FIELD BEND UP INTO POSITION FOR WINDOW INSTALLATION

Not to scale.
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.
**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.

- 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.

**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”**

**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**

**CLAD WOOD SUBSILL #4049 AND CLIP #7366**

**Scale 6” = 1’ 0”**

**Note:** The clad wood subsill is an open weep system. An interior air seal is critical to the performance of this system. Also, DO NOT SEAL the exterior frame expander to the opening.

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

**Used with Pella clad windows.**
Installation Accessories

L Receptor Application

Scale 6" = 1' 0"

4" [102]

15/16" [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.

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" (406) O.C. (minimum of two per side) at head, jambs and sill. See schematic drawing.

6" [152]
16" O.C. [406]
6" [152]

Water Resistant Backer Rod and Sealant. by Others

INSTALLATION CLIP #5071 @ 16" (406) O.C.

Continuous Wood Blocking, Wood Trim. by Others

Shim and Plumb Units as Required

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

Shims by Others

Studs by Others

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

Sealant. by Others

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

3/8" [10]

Rough Opening

Jamb

Head

Masonry Opening

Sub Frame

Frame

3/4" [19]

3/4" [19]

6 1/8" or 8 1/8" [156] [206]

#5071
## Installation Accessories

### Bay/Bow Mullion Accessories

#### Bay Wedges

<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>

#### Mullion Covers

<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>

#### Jamb Covers

<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.
# 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>
<tr>
<td>Custom (Break Metal)</td>
<td>Min 5/8&quot; Max 12&quot;</td>
<td>B = A + 3/8&quot;</td>
<td>100 Mullion Cover</td>
<td>0.050</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.

---

**3 1/2" Mullion Cover**

**3" Structure**

**Break Metal 100 Mullion Cover**

---

**Standard EnduraClad Mullion Covers**

**Frame to Frame**

---

**Break Metal 100 Mullion Cover**

---

**3 3/8" Mullion Cover**

**3 1/2" Mullion Cover**

**3" Mullion Cover**

---

**Break Metal 100 Mullion Cover**
CUSTOM BREAK METAL MULLION COVER

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.

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

CONTINUOUS INSTALLATION FINS #42G7

SHIM AND LEVEL UNITS AS REQUIRED

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

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

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.)

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

Mullion Applications

**Mullion Covers**

- **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.**

- **2" (51) Mullion Cover #72A9**
  - SHIM AND LEVEL UNITS AS REQUIRED
  - CONTINUOUS WOOD BLOCKING, WOOD TRIM, BACKER ROD AND SEALANT BY OTHERS
  - INSTALLATION CLIPS #5071 @ 18" (457) O.C. (REFER TO PAGE 17 FOR ADDITIONAL SPACING INFORMATION)
  - **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

<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>OEUA</td>
</tr>
<tr>
<td>Mullion Reinforcement 1/2&quot; x 4-9/16&quot;</td>
<td>0A6K</td>
<td>OEUL</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>OCUH</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>
</tr>
</tbody>
</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.

Screws have a 1" embedment into wood buck or concrete below subsill.

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.
Installation Accessories

Expansion Mullions, T-Expansion Mullion - Cover Applications

T-EXPANSION MULLION #72AL

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

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

New Construction — Punched Opening Mulling Considerations

Burlington Apartments, Portland, OR
Ankrom Moisan Associated Architects

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.
L-Receptor Installation for Aluminum-clad Products

An L-shaped receptor is secured to the head and jambs of the opening and a subsill flashing system at the sill. A compressible gasket is installed in the accessory groove. Clips attached to the frame at the head and jambs are screwed to the receptors, compressing the gasket. Windows and doors can be installed from the interior before or after wall cladding materials.

Custom profiles available. Contact your Pella representative for assistance.
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.
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- 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. HEAD

2. JAMB

3. SILL

4. VERTICAL MULLION
   Glulam Option

5. VERTICAL MULLION
   Steel Tube Option

6. HORIZONTAL MULLION
   Steel Stud Option

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

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

SHIM AND LEVEL UNITS AS REQUIRED

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

SILL NOSE #72D8

Scale 6” = 1’ 0”

Scale 3” = 1’ 0”
Installation Accessories

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

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.

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

Rev. 03/24/2023
W-IA-23
Installation Accessories

Field Applied Exterior Flat 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’.

Custom profiles available.
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.
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

Scale 3" = 1' 0"

Frame Expander

Custom Brickmould with Clip

Frame Expander

Rev. 03/24/2023
Historic Brickmould Extruded Frame Expanders

All other clad-wood products including Pella® Reserve™ Monumental Hung

Custom Trim # DES-000019876
1 7/8" dimension may vary to accommodate project specifications.

Pella Reserve and Architect Series® Double-Hung

Custom Trim # DES-000019875
3-Step Historic Brickmould with Clip

Brickmould # DES-000019874
Clip # 72AQ

1 3/8" [36]

2 1/4" [57]

1 5/8" [41]

3-Step Historic Brickmould

1 1/8" [50]

2" [50]

1 3/8" [50]

*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.

*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.

Historic Renovation Exterior Trim - Aluminum Brickmould with Clip

Exterior Perimeter Sealant
Through-Frame Anchor

Exterior Perimeter Sealant
Treated Wood Buck
Incidental Moisture Drainage Path

Interior Perimeter Sealant

Self-Adhered Membrane Flashing
Sealant With Weeps
Incidental Moisture Exit Point

119 brake metal configured as needed to actual project conditions.
Factory Installed Guidelines

- Maximum size is 134" x 97"
- 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 Lifestyle Series four-panel patio doors
  - Lifestyle Series dual-pane sliding doors
  - Precision Fit® pocket replacement windows
  - Bay / Bow windows
  - Pella® Reserve Specialty windows
  - Pella® Reserve Mitered Corner units

### Sill Nose Compatibility

<table>
<thead>
<tr>
<th>Sill Nose Compatibility</th>
<th>1/2” Sill Nose</th>
<th>1” Sill Nose</th>
<th>2” Sill Nose</th>
<th>3-1/2” Flat Casing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1/2” Brickmould</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>3-1/2” Brickmould</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>3-1/2” Flat Casing</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Jefferson</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Monroe</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Trim Profiles

**Head Drip Cap**

- Standard 50GU
- Monroe 50NN
- Jefferson 50NL
- 3 1/2” Flat Casing 50NM
- 1 1/2” Brickmould 70F5
- Monroe 50GF
- 3 1/2” Brickmould 50G9
- Jefferson 50GC
- 3 1/2” Flat Casing 50GJ

**Sill Nose**

- 1/2” Nose 50GZ
- 1” Nose with Nose Extension 50H0, 50H8
- 2” Nose with Nose Extension 50H1, 50H8
- 3 1/2” Flat Casing 50MD

**New Construction Fin**

- Standard Clad Trim Fin 70F2
- Wide Width 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

Scale 3" = 1' 0"
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.

- **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 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.

---

**Frame to Exterior Trim**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>3-1/2&quot; Flat Casing Sill</th>
<th>1/2&quot; Sill Nose</th>
<th>1&quot; Sill Nose</th>
<th>2&quot; Sill Nose</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Jamb (single)</strong></td>
<td><strong>Head</strong></td>
<td><strong>+ 1.18&quot;</strong></td>
<td><strong>+ 1.18&quot;</strong></td>
<td><strong>+ 1.18&quot;</strong></td>
<td><strong>+ 1.892&quot;</strong></td>
</tr>
<tr>
<td>1-1/2&quot; Brickmould</td>
<td>3-1/2&quot; Brickmould</td>
<td>+ 3.21&quot;</td>
<td>+ 3.21&quot;</td>
<td>+ 1.18&quot;</td>
<td>+ 1.892&quot;</td>
</tr>
<tr>
<td>3-1/2&quot; Flat Casing</td>
<td>Jefferson</td>
<td>+ 3.21&quot;</td>
<td>+ 3.21&quot;</td>
<td>+ 3.21&quot;</td>
<td>+ 1.18&quot;</td>
</tr>
<tr>
<td>Monroe</td>
<td>+ 3.21&quot;</td>
<td>+ 1.18&quot;</td>
<td>+ 1.18&quot;</td>
<td></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.*

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

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
Installation Accessories

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.

BRICKMOULD

MASONRY OPENING

HEAD

JAMB

SILL
Installation Accessories

Factory Applied EnduraClad® Exterior Trim Brick Veneer Applications

Scale 6" = 1' 0"

SHIM AND LEVEL UNITS AS REQUIRED

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

An existing wood window frame is left in place while the sashes are removed, and a pre-assembled subframe is secured to the opening. The new window is placed from the interior inside the subframe. No exterior materials are disturbed. In many cases, all installation steps can be complete from the interior.

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

---

**Installation Accessories**

**Receptor and Subframe Systems - Standard Subframe Application**

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Subframe Installation

An existing wood window frame is left in place while the sashes are removed, and a pre-assembled subframe is secured to the opening. The new window is placed from the interior inside the subframe. No exterior materials are disturbed. In many cases, all installation steps can be complete from the interior.

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

**Receptor and Subframe Systems - T-Subframe Application**

**T-Subframe Installation**

An existing aluminum or steel window frame is left in place while the sashes are removed and a pre-assembled subframe is secured to the opening. The new window is placed from the interior inside the subframe. No exterior materials are disturbed. In many cases, all installation steps can be complete from the interior.

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

**Existing Wall Construction**

---

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

---

**SUBFRAME CLIP #7363**

**CLIP #7363**

**T-SUBFRAME HEAD #72F6**

**Bulb Gasket 0DA9**

**CLIP #7363**

**T-SUBFRAME JAMB #73H9**

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

**T-SUBFRAME SILL #73H8**

**Existing Wall Construction**

**Subframe**

**Incidental Moisture**

**Drainage Path**

**Interior Perimeter Sealant**

**Exterior Perimeter Sealant**

**Bulb Gasket**

**Self-Adhered Membrane Flashing**

**Sealant with Weeps**
Installation Accessories

Receptor and Subframe Systems - Expander and Trim Application

SUBFRAME EXPANDER #72AM

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

Scale 3" = 1' 0"

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.

**Brake Metal Mullion Trim**

M100  M101  M102

M103  M104  M105  M106

**Brake Metal Head and Jamb Trim**

M107  M109  M112

M110 Bay Jamb  M111 Bow Jamb

**Brake Metal Sill Trim and Flashing**

M108  M114  M115  M116  M117  M118  M119

M120  M121  M122  M123  M124  M125

M126  M127  M128  M130  M131  M132  M133  M134

M129 Attachment Clip
Installation Accessories

Brake 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.

ANCHOR TO OPENING WITH STAINLESS STEEL SCREWS AND NEOPRENE WASHERS @ 16" [406] O.C. SEAL HEADS

BACKER ROD AND SEALANT PROVIDE 3/8" [10] DIA. WEEPS

SHIM AND LEVEL UNITS WITH IMPERVIOUS SHIMS

CUSTOM 0.050" [1.27] ALUMINUM SILL FLASHING #M123 WITH CLIP #M129

NOTE: SEAL ENDS OF 0.050" [1.27] ALUMINUM SILL FLASHING TO OPENING WITH A CONTINUOUS BEAD OF SEALANT. APPLY SEALANT ALONG FULL LENGTH OF BACK LEG OF SILL FLASHING. TIE INTO INTERIOR SEALANT AT JAMBS.

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

### Wood Exterior Mullion Covers

#### Interior

<table>
<thead>
<tr>
<th>Accessory</th>
<th>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

<table>
<thead>
<tr>
<th>Accessory</th>
<th>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>0B00</td>
</tr>
</tbody>
</table>

Accessories:
- **A**: Through-Frame Anchor
- **B**: Exterior Brickmould Anchor
- **C**: Incidental Moisture Drainage Path
- **D**: Interior Perimeter Sealant
- **F**: Pella Wood Subsill

**Scale 3" = T 0"**
## Interior Jamb Extensions

<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>
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<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>31J1</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>326B</td>
<td>0CB3</td>
<td>32EL</td>
<td>0BM6</td>
</tr>
<tr>
<td>5-1/2&quot; Jamb Extension</td>
<td>30NR</td>
<td>00YX</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Scale 3" = 1' 0"
• 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
Installation Accessories

Renovation — Precision Fit® Interior Pocket Installation

- 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