• Factory-applied 5-1/4", 6-9/16", 7-1/8" and custom width extension jambs
• Andersen™ divided light, removable interior grilles and contoured Finelight™ grilles-between-the-glass
• Curved interior casings
• Curved exterior aluminum and wood casings in matching radii and a variety of profiles
Basic Unit Details

AKR Style Aluminum Clad Fixed Window Details

To Complement:
400 Series Woodwright® and Tilt-Wash Double-Hung Windows
200 Series Gliding Window

Scale 3" = 1'-0" (1:4)

Vertical Sections
Basic Unit Details

AKR Style Aluminum Clad Fixed Window Details
Scale 3" = 1'-0" (1:4)

To Complement:
- All 400 & 200 Series Patio Doors
- 400 Series Gliding Window
- 200 Series Tilt-wash Double-Hung Window

Vertical Sections
Basic Unit Details

AKR Style Aluminum Clad Fixed Window Details
Scale 3" = 1'-0" (1:4)

To Complement:
400 Series Woodwright® and Tilt-Wash Double-Hung Windows
200 Series Gliding Window

To Complement:
All 400 & 200 Series Patio Doors
400 Series Gliding Window
200 Series Tilt-wash Double-Hung Window
Joining Details

AKR Style Aluminum Clad Fixed Window Joined to 400 Series Woodwright® & Tilt-Wash Double-Hung Window
Scale 3" = 1'-0" (1:4)

Joining Compatibility
Many Andersen® units are designed to be joined with other Andersen units in a variety of non-reinforced and reinforced combinations. Other combination types and joining methods can be viewed in the Andersen® Product Guide for Professionals, in Andersen Window Studio® software, and by visiting www.andersenwindows.com. Combination designs should always be checked for design pressure performance requirements to make sure the appropriate joining method is specified.
Joining Details

AKR Style Aluminum Clad Fixed Window Joined to 400 Series Gliding Window
Scale 3" = 1'-0" (1:4)

AKR Style Aluminum Clad Fixed Window Joined to 200 Series Gliding Window
for 4-1/2" Wall
Scale 3" = 1'-0" (1:4)

Joining Compatibility
Many Andersen® units are designed to be joined with other Andersen units in a variety of non-reinforced and reinforced combinations. Other combination types and joining methods can be viewed in the Andersen® Product Guide for Professionals, in Andersen Window Studio® software, and by visiting www.andersenwindows.com. Combination designs should always be checked for design pressure performance requirements to make sure the appropriate joining method is specified.
Joining Details

AKR Style Aluminum Clad Fixed Window Joined to 400 Series Frenchwood® Gliding Patio Door
Scale 3" = 1'-0" (1:4)

Joining Compatibility

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Joining Details

AKR Style Aluminum Clad Fixed Window Joined to 400 Series Frenchwood® Hinged Patio Door - Outswing
Scale 3" = 1'-0" (1:4)

AKR Style Aluminum Clad Fixed Window Joined to 200 Series Narroline® Gliding Patio Door
Scale 3" = 1'-0" (1:4)

Joining Compatibility
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Joining Details

AKR Style Aluminum Clad Fixed Window Joined to 200 Series Perma-Shield® Gliding Patio Door

Scale 3" = 1'-0" (1:4)

Joining Compatibility

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Basic Unit Details

AKT Style Aluminum Clad Fixed Window Details

To Complement:
400 and 200 Series Casement and Awning Windows

Vertical Sections

Minimum Rough Opening Height
Unit Dimension Height
Unobstructed Glass Height

Sill

Curved Head

Lineal Head

4-3/16" (106) Front to Back
1-5/16" (33)
2-7/8" (73)

6-9/16" (167) Front to Back
2-3/8" (60)
2-7/8" (73)

7-7/8" (200) Front to Back
3-11/16" (94)
1-5/16" (33)
2-7/8" (73)

8-7/16" (214) Front to Back
4-1/4" (108)
5-7/8" (149)
2-7/8" (73)

Optional extension jamb
Optional arch casing
Basic Unit Details

AKT Style Aluminum Clad Fixed Window Details
Scale 3" = 1'-0" (1:4)

To Complement:
400 and 200 Series Casement and Awning Windows

Joining Compatibility
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Basic Unit Details

AKW Style Aluminum Clad Fixed Window Details
Scale 3" = 1'-0" (1:4)

To Complement:
200 Series Tilt-Wash Double-Hung Window with 3-1/4" Jamb

Vertical Sections
Basic Unit Details

AKW Style Aluminum Clad Fixed Window Details
Scale 3" = 1'-0" (1:4)

To Complement:
200 Series Tilt-Wash Double-Hung Windows with 3-1/4" Jamb

Joining Compatibility
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Basic Unit Details

**AKE Style Aluminum Clad Fixed Window Details**

Scale 3" = 1'-0" (1:4)

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Curved Head</td>
<td>4-3/8&quot; (111) Front to Back</td>
</tr>
<tr>
<td>Unit Dimension Height</td>
<td>1-1/2&quot; (38)</td>
</tr>
<tr>
<td>Unobstructed Glass Height</td>
<td>1 1/2&quot; (38)</td>
</tr>
<tr>
<td>Jamb</td>
<td>1-5/16&quot; (33)</td>
</tr>
<tr>
<td>Wall Thickness</td>
<td>3-1/16&quot; (78)</td>
</tr>
<tr>
<td>Mullion</td>
<td>4-3/8&quot; (111) Front to Back</td>
</tr>
<tr>
<td>Jamb Transom</td>
<td>3-1/16&quot; (78)</td>
</tr>
<tr>
<td>Minimum Rough Opening Height</td>
<td>1-1/2&quot; (38)</td>
</tr>
<tr>
<td>Minimum Rough Opening Width</td>
<td>1-1/2&quot; (38)</td>
</tr>
</tbody>
</table>

**To Complement:**

**200 Series Tilt-Wash Double-Hung Window with Drywall Return**

**Joining Details**

Scale 3" = 1'-0" (1:4)

**Joining Compatibility**

Many Andersen® units are designed to be joined with other Andersen units in a variety of non-reinforced and reinforced combinations. Other combination types and joining methods can be viewed in the *Andersen® Product Guide for Professionals*, in Andersen Window Studio® software, and by visiting www.andersenwindows.com. Combination designs should always be checked for design pressure performance requirements to make sure the appropriate joining method is specified.
Joining Compatibility
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Basic Unit Details

AKS Style Aluminum Clad Fixed Window Details
Scale 3" = 1'-0" (1:4)

To Complement:
200 Series Narroline® Double-Hung Window

Vertical Sections
Basic Unit Details

AKS Style Aluminum Clad Fixed Window Details
Scale 3" = 1'-0" (1:4)

To Complement:
200 Series Narroline® Double-Hung Window

Joining Compatibility

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Options / Accessories

400 Series Grille Options

**Configurations** All grille configurations can be ordered with interior and exteriors to match window and patio door interiors and exteriors.

<table>
<thead>
<tr>
<th>Full Divided Light</th>
<th>Simulated Divided Light</th>
<th>Easy-Clean Options</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Full Divided Light Diagram" /></td>
<td><img src="image2.png" alt="Simulated Divided Light Diagram" /></td>
<td><img src="image3.png" alt="Removable Interior Diagram" /></td>
</tr>
<tr>
<td><strong>Permanent Exterior</strong> <strong>Permanent Interior</strong> <strong>with Spacer</strong></td>
<td><strong>Permanent Exterior</strong> <strong>Permanent Interior</strong></td>
<td><strong>Removable Interior</strong></td>
</tr>
<tr>
<td>Full divided light features permanently applied interior and exterior grilles with spacers between the glass. Interior grilles are available in unfinished pine, maple, oak or prefinished white. Exterior grilles are patented Fibrex® material.</td>
<td>Simulated divided light offers grilles on the interior and exterior with no spacers between the glass. Interior grilles can be specified as permanent or removable. Interior grilles are available in unfinished pine, maple, oak or prefinished white. Exterior grilles are patented Fibrex® material.</td>
<td>Andersen® Finelight™ grilles are suspended between the glass panes and, in most cases, feature a contoured 3/4&quot; profile. A 1&quot; profile is used on patio doors, Springline™ windows and many arch windows. Finelight™ grilles are installed during manufacture and must be ordered with the unit. Removable interior grilles snap off for easy cleaning.</td>
</tr>
<tr>
<td><img src="image4.png" alt="Finelight Grilles Between-the-Glass Diagram" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>* Tinted glass may affect the appearance of Finelight grille color.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Options / Accessories**

**Grille Profiles**

Scale = Full - dimensions include thickness of tape

---

**Permanent Exterior Fibrex® Material Grille Profiles** (chamfer profile). Also used for pre-finished interior, except 400 Series Woodwright® double-hung windows.

<table>
<thead>
<tr>
<th>Width</th>
<th>Height</th>
<th>Angle</th>
</tr>
</thead>
<tbody>
<tr>
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<td>35°</td>
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<td>5/16&quot;</td>
<td>35°</td>
</tr>
<tr>
<td>2-1/4&quot;</td>
<td>5/16&quot;</td>
<td>35°</td>
</tr>
</tbody>
</table>

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**Permanent Interior Wood Grille Profiles** (chamfer profile).

The Fibrex® material exterior grille is used when a permanent prefinished grille is specified, except with 400 Series Woodwright® double-hung windows.

<table>
<thead>
<tr>
<th>Width</th>
<th>Height</th>
<th>Angle</th>
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</thead>
<tbody>
<tr>
<td>3/8&quot;</td>
<td>3/8&quot;</td>
<td>53°</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>7/16&quot;</td>
<td>53°</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>7/16&quot;</td>
<td>53°</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>7/16&quot;</td>
<td>35°</td>
</tr>
<tr>
<td>1-1/8&quot;</td>
<td>7/16&quot;</td>
<td>35°</td>
</tr>
<tr>
<td>2-1/4&quot;</td>
<td>7/16&quot;</td>
<td>35°</td>
</tr>
</tbody>
</table>

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**Removable Interior Wood Grille Profile** (roman ogee profile).

<table>
<thead>
<tr>
<th>Width</th>
<th>Height</th>
<th>Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot;</td>
<td>3/4&quot;</td>
<td>11/16&quot;</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>7/8&quot;</td>
<td>11/16&quot;</td>
</tr>
<tr>
<td>1-1/8&quot;</td>
<td>1-1/16&quot;</td>
<td>11/16&quot;</td>
</tr>
</tbody>
</table>

---

**Removable Interior Wood Grille Profile** (chamfer profile).

400 Series Woodwright® double-hung windows only.

<table>
<thead>
<tr>
<th>Width</th>
<th>Height</th>
<th>Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/16&quot;</td>
<td>3/4&quot;</td>
<td>11/16&quot;</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>7/8&quot;</td>
<td>11/16&quot;</td>
</tr>
<tr>
<td>1-1/8&quot;</td>
<td>1-1/16&quot;</td>
<td>11/16&quot;</td>
</tr>
</tbody>
</table>

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**Permanent Full Divided Light Grille spacer location.**

<table>
<thead>
<tr>
<th>Width</th>
<th>Height</th>
<th>Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8&quot;</td>
<td>1/8&quot;</td>
<td>1/8&quot;</td>
</tr>
<tr>
<td>1/8&quot;</td>
<td>1/8&quot;</td>
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<tr>
<td>1/8&quot;</td>
<td>1/8&quot;</td>
<td>1/8&quot;</td>
</tr>
<tr>
<td>11/16&quot;</td>
<td>11/16&quot;</td>
<td>11/16&quot;</td>
</tr>
</tbody>
</table>

---

**Andersen® Finelight™ Grilles-Between-the-Glass.**

<table>
<thead>
<tr>
<th>Width</th>
<th>Height</th>
<th>Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot;</td>
<td>3/4&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>3/4&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>3/4&quot;</td>
<td>1&quot;</td>
</tr>
</tbody>
</table>
Plinth Blocks  Available in maple, oak, cherry, mahogany, and douglas fir.

For use with 2-1/4" or 2-1/2" casing

- 2-7/8" (73)
- 7/8" (22)
- 1-1/8" R

For use with 3-1/2" casing

- 3-7/8" (98)
- 7/8" (22)
- 1-1/2" R

See more trim option examples on the following pages.

- Optional Andersen® interior arch casing (Colonial or Ranch styles)
- Optional Andersen® transom casing
- Optional Andersen® plinth blocks
- Interior trim by others

For use with 3-1/2" casing

- 3-7/8" (98)
- 7/8" (22)
- 1-1/2" R
Trim Options and Applications

Interior Casing

Scale: Full
Available for all curved portions of windows.

Ranch Style - WM 324
2-1/4" x 11/16" (57mm x 17mm)
Available in select hardwoods.

Colonial Style - WM 366
2-1/4" x 11/16" (57mm x 17mm)
Available in select hardwoods.

5/32" (4mm) typical

Colonial Style - WM 351
2-1/2" x 11/16" (64mm x 17mm)
Available in select hardwoods.

Colonial Style - WM 444
3-1/2" x 11/16" (89mm x 17mm)
Available in select hardwoods.

Ranch Style - WM 315
2-1/2" x 11/16" (64mm x 17mm)
Available in select hardwoods.

5/32" (4mm) typical

AKR Curved Window

AKT Curved Window
Trim Options and Applications

Transom Joining of Curved Top

Arch Combination

Arch Palladium / Casement Combination
Trim Options and Applications

Transom Joining of Partial Chord

- Arch interior casing
- Plinth block
- Arch extension jamb
- Angle cut extension jamb
- Plinth block or casing will conceal gap
- Lineal interior casing by others

- Arch Window
- Casement Window
- Andersen® Gliding Patio Door
- Frenchwood® Hinged Door - Inswing
- Frenchwood® Gliding Patio Door
Options / Accessories

Exterior Brickmould and Jamb Clips  Scale 3" = 1'-0" (1:4)

Vertical Detail

AKR7 Frame

Installation clip in shipping position

Optional Aluminum Brickmould

Nailing Fin is included only to position the window at the specified wall thickness. Window to be anchored using supplied installation clips.

1-5/16" (33)
1-3/8" (35)
3/4" (19)
Suggested Product Applications — AKR Style Aluminum Clad Fixed Windows

Wall Types Scale 1-1/2" = 1'-0" (1:8)

---

**Vertical Section**

**Wood Siding / 2 x 4 Wood Stud Framing**

- Installation flange all around
- Optional Andersen® arch casing
- Andersen® Woodwright™ unit

**Vertical Section**

**Brick Veneer / 2 x 6" Metal Stud Framing**

- Remove installation flange all around
- Optional Andersen® inside transom casing
- Andersen® Woodwright™ unit

---

**Importance of Proper Installation**

Proper installation and maintenance of Andersen® products are essential if optimum performance is to be fully attained. Written installation instructions which provide guidelines for proper installation are available for Andersen products from your local Andersen supplier or by writing to: Andersen Windows, Inc., Box 12, Bayport, MN 55003 or by visiting our website at www.andersenwindows.com. Remember that every installation is different. Andersen strongly recommends consultation with an Andersen product representative and with an experienced contractor, architect, or structural engineer prior to the installation of any Andersen product. Installation of Andersen products, including method of attachment, fastener selection, and code compliance is the sole responsibility of the architect, building owner, contractor, and/or consumer.

**Construction by Others**

Andersen Corporation is not responsible for the design of, conditions in, or performance of, adjacent wall or roof construction beyond the perimeter of the Andersen units. Proper integration of the Andersen units with the weather-repellent system of the building is the responsibility of others.

**Note:** Where E.I.F.S. wall finish is adjacent to window units, contact E.I.F.S. manufacturer for installation instructions, including the use of appropriate flashing, the proper use of sealant and backer rod, and the proper width of sealant joint around the perimeter of the window.

**Note:** Leave adequate clearance between sill and masonry for caulking and dimensional change of framework. Installation flange may be removed where construction sequence/detailing requires no flange.
Suggested Product Applications — AKR Style Aluminum Clad Fixed Windows

Wall Types Scale 1-1/2" ~ 1'-0" (1:8)

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**Suggested Product Applications — AKT Style Aluminum Clad Fixed Windows**

### Wall Types

Scale 1-1/2" = 1'-0" (1:8)

**Vertical Section**

**Wood Siding / 2 x 4 Wood Stud Framing**

**Vertical Section**

**Brick Veneer / 2 x 6" Metal Stud Framing**

---

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**Note:** Leave adequate clearance between sill and masonry for caulkking and dimensional change of framework. Installation flange may be removed where construction sequence/ detailing requires no flange.
Suggested Product Applications — AKT Style Aluminum Clad Fixed Windows

Wall Types Scale 1-1/2" = 1'-0" (1:8)

**Vertical Section**
Brick / Concrete Masonry Unit (CMU)

**Vertical Section**
Stucco / Concrete Masonry Unit (CMU) Inset Window

**Vertical Section**
Existing Stud Wall

**Vertical Section**
Existing Masonry Wall

Importance of Proper Installation

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**Note:** Leave adequate clearance between sill and masonry for caulking and dimensional change of framework. Installation flange may be removed where construction sequence/detailing requires no flange.