### Fire-Resistance Ratings

**ASTM E84**

Industry Standards: Building Codes

Cellwood Vinyl Siding products meet or exceed the following standards and/or code approvals:

#### RELEVANT STANDARDS/CODES

<table>
<thead>
<tr>
<th><strong>Soffit Ventilation Area</strong></th>
<th><strong>Note:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Beaded Ventilated: 1.54 sq. in.</td>
<td></td>
</tr>
<tr>
<td>Double 5&quot; Ventilated: 7.53 sq. in.</td>
<td></td>
</tr>
<tr>
<td>Triple 4&quot; Center-Vent: 1.96 sq. in.</td>
<td></td>
</tr>
<tr>
<td>Triple 4&quot; Full-Vent: 5.87 sq. in.</td>
<td></td>
</tr>
</tbody>
</table>

#### Thickness

<table>
<thead>
<tr>
<th>Siding Thickness (nominal)</th>
<th>Beaded Soffit</th>
<th>Double 5&quot;</th>
<th>Triple 4&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>.040&quot;</td>
<td>.046&quot; (1.02)</td>
<td>.046&quot; (1.17)</td>
<td></td>
</tr>
<tr>
<td>.042&quot;</td>
<td>.044&quot; (1.12)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>.044&quot;</td>
<td>.042&quot; (1.07)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Coefficient of linear expansion

2.9 (73.7) x 10^{-5}

#### Izod impact strength (ft.-lbs./in. of notch)

3.3

#### Heat deflection under load

264 psi at 170ºF

#### Hardness (Shore D)

76

#### Specific gravity

1.39 - 1.49

#### Tensile modulus (psi)

360,000 - 400,000

#### Tensile strength (psi)

7,100 - 7,600

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**IMPORTANT FIRE SAFETY INFORMATION**

Home and building materials are flammable in many ways. To minimize, contain or stop fire damage, high quality and built-in design and quality materials are needed. To achieve that goal, use non-combustible, non-flammable or low-spread products that meet fire regulations. TheCELLWOOD VINYL SIDING AND SAFETY SPECIFICATIONS

**Introduction**

Cellwood Vinyl Siding and Soffit products are designed for use in traditional and high-temperature applications.

**Details**

Cellwood Vinyl Siding and Soffit are produced from PVC compounds containing pigments and other chemicals that promote fire resistance. These flame retardant materials are approved in building codes and standards, providing many homes and building owners with a reliable and cost-effective fire-resistant solution.

**Fire-Resistance Matrix**

<table>
<thead>
<tr>
<th><strong>Rating</strong></th>
<th><strong>Wall</strong></th>
<th><strong>Conventional Construction</strong></th>
<th><strong>Underlayment Materials</strong></th>
<th><strong>Interior Board</strong></th>
<th><strong>Exterior Board</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>One-Hour</td>
<td>Any</td>
<td>Any</td>
<td>1 Layer of 5/8&quot; Gypsum Board</td>
<td>Any</td>
<td>Any</td>
</tr>
<tr>
<td>Two-Hour</td>
<td>Any</td>
<td>Any</td>
<td>2 Layers of 5/8&quot; Gypsum Board</td>
<td>Any</td>
<td>Any</td>
</tr>
</tbody>
</table>

**Non-Rated**

- Any

**One-Hour**

- Any

**Two-Hour**

- Any

**WARRANTY**

Cellwood backs its Vinyl Siding and Soffit with a lifetime limited warranty. Many popular residential claddings* include hail coverage. Consult actual warranty certificates for complete coverage details.

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For general information about metal siding products, contact the Vinyl Siding Institute, 1275 K St. NW, Washington, DC 20005-4006. Request brochures titled "What Homeowners Want to Know." For more information about vinyl siding products, contact the Vinyl Siding Institute, 1275 K St. NW, Washington, DC 20005-4006. Request brochures titled "The Properties of Vinyl Building Materials."
The Cellwood Vinyl Siding Collection provides homeowners with several product choices that complement any architectural style. And because our vinyl siding never needs painting or staining, you can achieve the look of real wood without the chipping, flaking and peeling that comes with it.

Cellwood quality begins with an unsurpassed manufacturing process – resulting in products made to rigid specifications using only the best materials. Our high-strength construction makes our vinyl siding among the most durable on the market, but most important, our authentic designs and realistic woodgrain finishes are offered in the colors and styles homeowners want most.

The Cellwood Vinyl Siding Collection includes: Dimensions, Dimensions Beaded, Progressions and Evolutions – that’s four distinct product lines, five unique profiles, 14 classic colors and four premium cedar colors; each designed to provide quality and beauty, while increasing the value of your customers’ homes.

And because Cellwood is a trusted brand of Alcoa, you can rest assured that all of the products we offer are constructed to exacting standards – ensuring superior durability and genuine beauty that will last for years to come.

Why Color is So Important

We live in a world of colors. Color adds life to everything we see. It defines shapes, affects proportions, expresses personality and even influences our mood. That’s why color is such an important choice when designing or refining your home’s exterior. The right combination of colors will help to accent architectural style and increase aesthetic appeal.

By understanding color relationships – knowing why a particular assortment of colors “works” – you are better prepared to make color decisions you will be happy with for years to come.

Our color professionals have carried out extensive color research over the last forty years – identifying and forecasting color trends. This research is behind our appealing palette of colors for siding, trim, shutters and rain removal products. Whether you are trying to change the mood of a home, change a perception of size, add emphasis, create interest or achieve unity – our color combinations can work for you.

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When completing an exterior renovation or building a new home, choose coordinating products from the family of brands offered by the Alcoa Retail Brands Group. From Cellwood vinyl siding, shutters, Designer Accents, vents and mounts to Alumax metal products, our family now includes the wide range of choices necessary to tastefully outfit nearly every aspect of your home's exterior. And because our brands are backed by Alcoa, you can be sure that every product we make is backed by a widely-recognized and respected industry leader.

Now more than ever, when you want to finish your home with style, you can count on the Cellwood and Alumax brand names for:

- Vinyl Siding
- Standard and Custom Shutters
- Vinyl Soffit
- Dentil Moldings
- Decorative Corner Posts
- Door Surround Systems
- Mantel Systems
- J-Block® Mounts
- Dryer Vents
- Gable Vents
- Lineals and Window Casings
- Aluminum Soffit and Fascia
- Rain Removal Systems
- Gutter Protection Systems

Displays

Turn Any Floor Space into Sales Space.

Select from a variety of display methods to improve the effectiveness of your sales space, and feature the following products: Dimensions, Dimensions Beaded, Progressions and Evolutions.

Samples

Give Them Just a Sample of What's in Store.

Product samples help to close the deal by providing actual product pieces, allowing homeowners to see the true appearance and color of the product.

Product Brochures

Our Brochures Help Tell the Story.

An assortment of brochures is available to highlight features and benefits of the entire Cellwood product lines.

Electronic Advertising Kit

Personalized Advertising To Go!

Create your own advertising with our helpful and pre-designed templates, photography, logos, and more.

Technical Information

Behind You Every Step of the Way.

We provide you with all the necessary installation, warranty, and specification information required to finish the job right.
Dimensions
Create A Lasting Impression

Trusted for years by both consumers and contractors alike, cellulose is continually looking for opportunities to improve our products. Now, in addition to the authentic look of wood without the maintenance, our Dimensions premium siding offers these features:

- Folded Nail Hem – withstands hurricane force winds
- Full, 9/16" Profile Height – for realistic shadow lines and greater panel rigidity
- Oversized Lock Mechanism – stronger, positive locking action and greater panel rigidity
- 0.44 Thickness – for higher impact resistance
- Authentic Cedar Texture – for the authentic look of real wood
- Full-Length Return – for more secure locking
- Limited Lifetime Warranty

Spend less time maintaining your home and more time doing the things you want to do with the convenience and beauty of Dimensions premium vinyl siding.

Classic Colors
Color clear-through formulation means scratches and nicks won’t show.

- White
- Ivory
- Nantucket Beige
- Pewter
- Sand
- Slate Blue
- Autumn Tan
- Khaki
- Wicker
- Nantucket Gray
- Bayberry
- Mist Stone Gray
- Almond

NOTE: Colors shown are mechanically produced and may vary from actual product. Please refer to the actual product sample for true color representation.

Longer Lasting
For enhanced weatherability and resistance to fading, darker colors use quality GELOY® resins manufactured by GE Plastics.

Air Vent
Foundation Vent® (Patent # 5,253,920)
The two-piece Air Vent is used for cross-ventilation of garages, foundations, and range hoods. Design allows for open or closed flaps. The molded mesh helps prevent insect intrusion.

Louvered Exhaust Vent
The Louvered Exhaust Vent is used in vent dryers and bathroom exhaust fans. The unique design includes a built-in grid to prevent bird intrusion and a 10" long metal tube that can be used for extra-thick walls. A 4" to 3" diameter reducer is also available.

Intake Louver
The Intake Louver is designed to be used with the Louvered Exhaust Vent when constant airflow is required. Primarily used for high-efficiency furnaces, fireplaces, and bathroom eave exhausts.

Soffit Intake
The Soffit Intake provides necessary air movement through the attic and roof system to remove moist air with fresh air. Can be used with bathroom and kitchen exhausts.

Hooded Exhaust Vent
- Snap-on installation
- Built-in grate keeps animals out

Spend less time maintaining your home and more time doing the things you want to do with the convenience and beauty of Dimensions premium vinyl siding.

Product Code: AIRVENT (150)
Product Code: EXVENT (130)
Product Code: INTVENT (150)
Product Code: INTAKE (190)
Product Code: DRYERHOOD (168)

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Product Code: DRYERHOOD (168)
Mounts

Mini J-Blocks Mounting Blocks
The Mini J-Block Mounting Blocks are designed to mount small accessories such as doorbells and electrical outlet receptacles.
- Compatible with all siding profiles
- Creates a low-profile, finished look
- Rich, textured appearance accented by routed edge
- Available in over 100 colors – and color is molded through to ensure fade resistance
- Lifetime limited warranty

Beaded DM65 Dimensions
Beaded 6⅝" Nominal .046" Thick Length: 12' 4"

Folded Nail Hem—provides stronger, more secure installation than Standard Nail Hem shown below

Standard Nail Hem

Overmolded Lock Mechanism—provides stronger positive locking action

Full 5/8" Profile Height—panels hang straighter and are more rigid than standard vinyl siding panels

.044" Thickness

Full-Length Return—so panels don’t come unlocked

New Cedar Colors
Few woods can compare to the warmth and beauty of cedar. But like any other wood product, there’s the maintenance that comes with it. Our new cedar colors employ an exclusive manufacturing process using Kynar 500® along with multiple layers of cedar graining and shading for superior fade resistance, remarkable texturing, and rich colors. But most important, because it’s a quality Cellwood vinyl product, you’ll never have to paint it, stain it, or replace it due to mold or wood-boring insects.
- 25% less expensive than real cedar
- Resists cracking, splitting, and shattering
- Available in Double 4" and Dutch Lap 4½" profiles
- Four rich cedar colors to choose from

Cellwood offers sizes to fit Double 4, Double 5, Dutch Lap and Triple 3 siding profiles.
- Available in square or octagon
- Compatible with all siding profiles
- Creates a low-profile, finished look
- Rich, textured appearance accented by routed edge
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E-Z Block Surface Mounts
The one-piece design can be used after siding installation to mount all types of accessories.
- Available in square or octagon
- Compatible with all siding profiles
- Creates a low-profile, finished look
- Rich, textured appearance accented by routed edge
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- Lifetime limited warranty

E-Z Block Light Fixtures
Surface Dimensions: 6⅜" x 6⅜"
Project: ¾”
Knockouts: Round 1⅛" Diameter Rectangular 2½" x 3⅛"

E-Z Block Water Faucets*
Surface Dimensions: 6⅜" x 6⅜"
Project: ¾”
Knockouts: Round 1⅛” Diameter Rectangular 2½” x 3⅛”

*Octagon block specifications not shown

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With Progressions® vinyl siding, you get the beauty of wood siding without the work and maintenance. The durable construction and low-gloss heavy woodgrain texture combine to set the standard for quality and beauty, while increasing the value of your home.

- Never needs painting or staining, so chipping, flaking, and peeling are things of the past
- Does not absorb water, which eliminates warping, cracking, splitting, and rotting
- Resistant to fungus, mildew, and wood-boring insects
- Looks better longer by resisting impact, weather extremes, pollutants, and UV light
- Lifetime limited warranty

**Classic Colors**
Color clear-through formulation means scratches and nicks won’t show.

- White
- Ivory
- Beige
- Wood
- Sage
- Sand
- Stone Gray
- Brown
- Blue
- Gray
- Red

**NOTE:** Colors shown are mechanically produced and may vary from actual product. Please refer to the actual product sample for true color representation.

**J-Blocks Mounting Blocks**
(Patent #4,726,152)
The J-Block mounting blocks provide multiple uses, including the ability to easily and attractively mount light fixtures and receptacles.

- Compatible with all siding profiles
- Creates a low-profile, finished look
- Rich, textured appearance accented by rounded edge
- Available in over 100 colors – and color is molded through to ensure fade resistance
- Lifetime limited warranty

**Large J-Blocks® Mounting Blocks**
The Large J-Block Mounting Blocks are designed to mount larger accessories such as large light fixtures, house numbers, and mailboxes.

- Compatible with all siding profiles
- Creates a low-profile, finished look
- Rich, textured appearance accented by routered edge
- Available in over 100 colors – and color is molded through to ensure fade resistance
- Lifetime limited warranty

**Recess J-Blocks® Mounting Blocks**
(Patent #5,526,619)
The patented hinge allows for ease of installation without removal of electrical receptacles and water faucets.

- Compatible with all siding profiles
- Available in over 100 colors – and color is molded through to ensure fade resistance
- Lifetime limited warranty

### J-Block® Mounting Blocks
- **Surface Dimensions:** 7" x 7"  
  **Flange Dimensions:** 8 1/2" x 7 1/2"  
  **J-Channel I.D.:** 3/4" adjusts to 1 1/4"  
  **Knockouts:**  
  - Round: 4" Diameter  
  - Rectangle: 2 3/8" x 3 3/4"

### Large J-Blocks® Mounting Blocks
- **Surface Dimensions:** 7" x 11"  
  **Flange Dimensions:** 7 3/4" x 12 3/4"  
  **J-Channel I.D.:** 3/4" adjusts to 1 1/4"  
  **Knockouts:**  
  - Rectangle: 2 1/4" x 3 7/8"  
  - Round: 4" Diameter

### Recess J-Blocks® Mounting Blocks
- **Surface Dimensions:** 5 7/8" x 7"  
  **Flange Dimensions:** 5 1/4" x 7 1/2"  
  **J-Channel I.D.:** 1 1/4" adjusts to 1 1/4"  
  **Knockouts:**  
  - Rectangle: 2 1/4" x 3 3/4"
Premium Vinyl Soffit
Complete the job with vinyl soffit that is available in matching colors and constructed to the same exacting standards as our vinyl siding.

- Can be used as a soffit, vertical siding, or wainscoting
- Ideal for use on porch ceilings and carports
- Panels held securely in place with specially designed locking system
- Low-gloss finish
Vinyl Siding & Soffit Accessories

Classic Colors
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Longer Lasting
For enhanced weatherability and resistance to fading, darker colors use quality GELOY® resins manufactured by GE Plastics.

NOTE: Colors shown are mechanically produced and may vary from actual product. These refer to the actual product sample for true color representation.

NOTE: Accessories are available in a variety of popular colors.
Evolutions® vinyl siding is designed to provide the beauty of wood siding in a low-maintenance exterior. The various profiles and durable construction are just the beginning of the beauty and value Evolutions adds to your home.

- Never needs painting or staining, so chipping, flaking, and peeling are things of the past
- Does not absorb water, which eliminates warping, cracking, splitting, and rotting
- Resistant to fungus, mildew, and wood-boring insects
- Looks better longer by resisting impact, weather extremes, pollutants, and UV light
- Lifetime limited warranty

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<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>Vinyl siding color</td>
</tr>
<tr>
<td>Ivory</td>
<td>Vinyl siding color</td>
</tr>
<tr>
<td>Beige</td>
<td>Vinyl siding color</td>
</tr>
<tr>
<td>Sand</td>
<td>Vinyl siding color</td>
</tr>
<tr>
<td>Pewter</td>
<td>Vinyl siding color</td>
</tr>
<tr>
<td>Sand</td>
<td>Vinyl siding color</td>
</tr>
<tr>
<td>Slate Blue</td>
<td>Vinyl siding color</td>
</tr>
<tr>
<td>Autumn Tan</td>
<td>Vinyl siding color</td>
</tr>
<tr>
<td>Khaki Wicker</td>
<td>Vinyl siding color</td>
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</tbody>
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