

Hardie® Soffit Panels

Submittal Form

06

Submitted to:

Project Name:

Submitted by:

Date:

☐ HZ5® Product Zone ☐ HZ10® Product Zone

Product	Width (inches)	Length (inches)	Texture	Finish
☐ Hardie® Soffit Panels - Vented	☐ 12	144	☐ Smooth ☐ Cedamill	☐ ColorPlus® Technology ☐ Primed
	☐ 16	144		
	☐ 24	96		
☐ Hardie® Soffit Panels - Non-Vented	☐ 12	144	☐ Smooth ☐ Cedamill	☐ ColorPlus® Technology ☐ Primed
	☐ 16	144		
	☐ 24	96		
	☐ 48	96		

Hardie® Soffit Panels

Specification Sheet

06

DIVISION: 07 00 00 THERMAL AND MOISTURE PROTECTION

SECTION: 07 46 46 FIBER CEMENT SIDING

Manufacturer

James Hardie Building Products Inc.

The products are manufactured at the following locations, with quality control inspections by ICC-ES:

- Tacoma, Washington
- Waxahachie, Texas
- Plant City, Florida
- Pulaski, Virginia
- Peru, Illinois

Compliance with the following codes

- 2009 thru 2021 International Building Code (IBC)
- 2009 thru 2021 International Residential Code (IRC)

For more information about other compliances and applicable uses, refer to the ESR-2273

Features

- Noncombustible
- Dimensionally Stable
- Resistant to damage caused by pests
- Weather Resistant-Engineered for Climate®
- Impact resistant
- Sustainable

Use

Hardie® Soffit panels are used as exterior soffit covering of buildings.

Description

Hardie® Soffit panels are single-faced, cellulose fiber-reinforced cement (fiber-cement) sheets manufactured by the Hatschek process and cured by high-pressure steam autoclaving. The exterior soffit panels are identified as Hardie® Soffit panels and may be vented or unvented.

Available Sizes

Product	Width (inches)	Length (inches)	Thickness (inches)
Hardie® Soffit Panels	12, 16, 24, 48	96, 144	1/4

Weight: 2.12 lbs. per square foot

Texture & Finish

Soffit panels are available with either a woodgrain texture or a smooth unsanded surface. The exterior soffit products may be supplied primed for field paint or factory finished with Colorplus® Technology. (color varies by region)

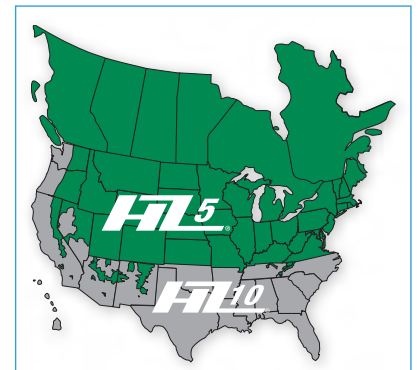
Features

Hardie® vented Hardie® Soffit Panels achieve a net free ventilation (NFV) of 5 sq in per linear ft.

Hardie® Soffit VentedPlus® panels provide 12.6 square inches of net free ventilation per lineal foot. (availability is limited)

Engineered for Climate®

Hardie® Soffit Panels are engineered for performance to specific weather conditions by climate zones as identified by the following map.



SS2004 PAGE 1 OF 2

Performance Properties

General Property		Test Method	Unit or Characteristic	Requirement	Result
PHYSICAL ATTRIBUTES	Dimensional Tolerances	ASTM C1185	Length	± 0.5% or ± 1/4 in	Pass
			Width	± 0.5% or ± 1/4 in	
			Thickness	± 0.04 in	
			Squareness	Δ in diagonals ≤ 1/32 in/ft of sheet length. Opposite sheet sides shall not vary in length by more than 1/32 in/ft	
			Edge Straightness	≤ 1/32 in/ft of length	
	Density, lb/ft³	ASTM C1185		As reported	<75
Water Tightness	ASTM C1185	Visual Observations	No drop formation	Pass	
Flexural Strength	ASTM C1185	Wet conditioned, psi	>1015 psi	Pass	
		Equilibrium conditioned, psi	>1450 psi		
DURABILITY	Warm Water Resistance, Observations	ASTM C1185	Visual Observations	No visible cracks or structural alteration	Pass
	Heat/Rain Resistance	ASTM C1185	Visual Observations	No visible cracks or structural alteration	Pass
	Freeze/Thaw Resistance	ASTM C1185	Visual Observations	No visible cracks or structural alteration	Pass
			Freeze/Thaw, % strength retention	≥ 80%	
	UV Accelerated Weathering Test	ASTM G23	Visual Observations	No cracking, checking, or crazing	Pass
FIRE CHARACTERISTICS	Surface Burning Characteristics	ASTM E84	Flame Spread Index (FSI)		0
			Smoke Developed Index (SDI)		≤ 5
			Fuel Contributed		0
			NFPA Class		A
			Uniform Building Code Class	As reported	1
	International Building Code® class		A		
	Non-combustibility	ASTM E136	Non-combustible	Pass/fail	Pass

Installation

Install Hardie® Soffit Panels in accordance with:

- Hardie® Soffit Panels Installation instructions
- ICC-ES ESR-2273
- Requirements of authorities having jurisdiction

Warranty

Hardie® Soffit Panels: 30-year, Non-Prorated, Limited Warranty
ColorPlus® Technology: 15-year Limited Finish Warranty

Sustainable Design Contribution

- Regionally sourced content- varies by project location
- Avoidance of certain chemicals or Red List Compliance

Detailed product information for LEED projects, or other state or regional sustainability programs is available through James Hardie Technical Services.

Storage and Handling

Store flat and keep dry and covered prior to installation.

Technical Services

Contact James Hardie Technical Services online at [JamesHardie.com](https://www.jameshardie.com), or by phone at (800)426-4051

IMPORTANT: Failure to install and finish this product in accordance with applicable building codes and James Hardie written application instructions may affect system performance, violate local building codes, void the product-only warranty and lead to personal injury. **DESIGN ADVICE:** Any information or assistance provided by James Hardie in relation to specific projects must be approved by the relevant specialists engaged for the project eg. builder, architect or engineer. James Hardie will not be responsible in connection with any such information or assistance.