

HardieSoffit® Panels

Submittal Form

06

Submitted to:

Project Name:

Submitted by:

Date:

☐ HZ5® Product Zone ☐ HZ10® Product Zone

Product	Width (inches)	Length (inches)	Texture	Finish
<input type="checkbox"/> HardieSoffit® Panels - Vented	<input type="checkbox"/> 12	144	<input type="checkbox"/> Smooth <input type="checkbox"/> Cedamill	<input type="checkbox"/> ColorPlus® Technology
	<input type="checkbox"/> 16	144		<input type="checkbox"/> Primed
	<input type="checkbox"/> 24	96		
<input type="checkbox"/> HardieSoffit® Panels - Non-Vented	<input type="checkbox"/> 12	144	<input type="checkbox"/> Smooth <input type="checkbox"/> Cedamill	<input type="checkbox"/> ColorPlus® Technology
	<input type="checkbox"/> 16	144		<input type="checkbox"/> Primed
	<input type="checkbox"/> 24	96		
	<input type="checkbox"/> 48	96		

HardieSoffit® 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
- Pulaski, Virginia
- Waxahachie, Texas

Compliance with the following codes

- 2015, 2012, 2009 and 2006 International Building Code® (IBC)
- 2015, 2012, 2009 and 2006 International Residential Code® (IRC)

Features

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

Use

Hardiesoffit® panels are used as exterior soffit covering of buildings.

Description

Hardiesoffit® 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 Hardiesoffit® (or Cemsoffit®) panels and may be vented or unvented.

Available Sizes

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

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. Soffit is available in 8 factory finished colors.

Features

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

Engineered for Climate®

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



Performance Properties

General Property		Test Method	Unit or Characteristic	Requirement	Result
PHYSICAL ATTRIBUTES	Dimensional Tolerances	ASTM C1185	Length	$\pm 0.5\%$ or $\pm 1/4$ in	Pass
			Width	$\pm 0.5\%$ or $\pm 1/4$ in	
			Thickness	± 0.04 in	
			Squareness	$<1/32$ in/ft of length	
			Edge Straightness	$<1/32$ in/ft of length	
PHYSICAL ATTRIBUTES	Density, lb/ft ³	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	$\geq 80\%$	
	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 HardieSoffit® Panels in accordance with:

- HardieSoffit® Panels Installation Instructions
- ICC-ES ESR-2273
- Requirements of authorities having jurisdiction

Warranty

HardieSoffit® 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, or by phone at (800)426-4051



Additional Installation Information, Warranties, and Warning are available at JamesHardie.com

1 866 442 7343 | www.jameshardie.com

IMPORTANT: Failure to follow James Hardie written installation instructions and comply with applicable building codes may violate local laws, affect building envelope performance and may affect warranty coverage. Failure to comply with all healthy and safety regulations when cutting and installing this product may result in 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.

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