

Hardie® Artisan Siding with Lock Joint System

SUBMITTAL FORM

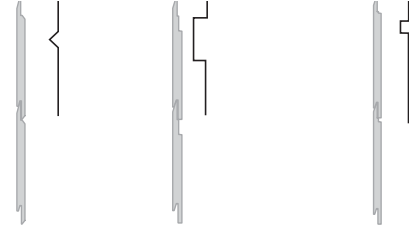
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Submitted to:

Project Name:

Submitted by:

Date:


☐ HZ10® Product Zone

☐ HZ5® Product Zone

 Joint Style: ☐ V- Groove ☐ Square Channel ☐ Shiplap

SPECIFICATION SHEET

05

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 Intertek:

- Reno, Nevada
- Prattville, Alabama

Compliance with the following codes

- 2024, 2021, 2015, 2012, 2009 and 2006 International Building Code® (IBC)
- 2024, 2021, 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

Use

Hardie® Artisan Siding with Lock Joint System is used as exterior wall covering. The product complies with IBC Section 1403.9 and IRC Section R703.10. The product may be used on exterior walls of buildings of Type I, II, III and IV construction (IBC).

Description

Hardie® Artisan Siding with Lock Joint System is a single-faced, cellulose fiber-reinforced cement (fiber-cement) product. Hardie® Artisan Siding complies with ASTM C1186, as Grade II, Type A; has a flame-spread index of 0 and a smoke-developed index of 5 when tested in accordance with ASTM E84; and is classified as noncombustible when tested in accordance with ASTM E136.

Available Sizes

Product	Width (inches)	Exposure (inches)	Length (feet)	Thickness (inches)
V-Groove	8-¼	7	12	5/8
Shiplap	10-¼	9	12	5/8
Square Channel	10-¼	9	12	5/8

Panel Texture & Finish

Hardie® Artisan Siding with Lock Joint System comes in a smooth finish.

Finish comes primed for field paint.

Engineered for Climate®

Hardie® Artisan Siding with Lock Joint System is 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	± 0.5% or ± 1/4 in	Pass
			Width	± 0.5% or ± 1/4 in	
			Thickness	± 0.05 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
DURABILITY	Flexural Strength	ASTM C1185	Wet conditioned, psi	>1015 psi	Pass
			Equilibrium conditioned, psi	>1450 psi	
	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
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
	Fire Resistance Rated Construction	ASTM E119	Fire Resistance Rating	1-hour	Note 1

Installation

Install Hardie® Artisan Siding with Lock Joint System in accordance with:

- Hardie® Artisan Siding with Lock Joint System Installation Instructions
- Hardie® Artisan Siding with Lock Joint System Technical Data Sheet
- Requirements of authorities having jurisdiction

Warranty

Hardie® Artisan Siding with Lock Joint System: 30-year, Non-Prorated, Limited Warranty

Sustainable Design Contribution

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

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

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.