

# Artisan<sup>®</sup> Siding with Lock Joint System

Submittal Form

**05**

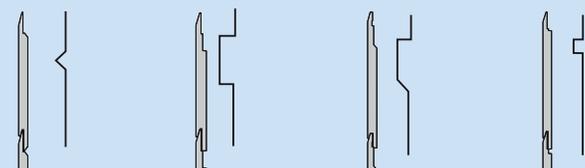
Submitted to: .....

Project Name: .....

Submitted by: .....

Date: .....

HZ10<sup>®</sup> Product Zone     HZ5<sup>®</sup> Product Zone  
 Joint Style:     V-Groove<sup>®</sup>     Square Channel<sup>®</sup>     Bevel Channel<sup>®</sup>     Shiplap<sup>®</sup>



# Artisan<sup>®</sup> Siding with Lock Joint System

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

### Compliance with the following codes

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

### Features

- Noncombustible
- Dimensionally Stable
- Resistant to damage caused by pests
- Weather Resistant-Engineered for Climate<sup>®</sup>
- Impact resistant

### Use

James Hardie Artisan<sup>®</sup> Siding with Lock Joint System is used as exterior wall covering. The product complies with IBC Section 1404.10 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

Artisan<sup>®</sup> Siding with Lock Joint System is a single-faced, cellulose fiber-reinforced cement (fiber-cement) product. Artisan<sup>®</sup> 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	8-1/4	7	12	5/8
Shiplap	10-1/4	9	12	5/8
Square Channel	10-1/4	9	12	5/8
Bevel Channel	10-1/4	9	12	5/8

### Panel Texture & Finish

Artisan<sup>®</sup> Siding with Lock Joint System comes in smooth texture, and primed for field paint only.

### Engineered for Climate<sup>®</sup>

Artisan<sup>®</sup> 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	<1/32 in/ft of length	
			Edge Straightness	<1/32 in/ft of length	
PHYSICAL ATTRIBUTES	Density, lb/ft <sup>3</sup>	ASTM C1185		As reported	<75
	Water Tightness	ASTM C1185	Visual Observations	No drop formation	Pass
PHYSICAL ATTRIBUTES	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 Artisan® Siding with Lock Joint System in accordance with:

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

**Warranty**

Artisan® Siding with Lock Joint System: 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



Product warranties, safety information and additional installation information are available at jameshardiepros.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 health 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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