



OCTOBER 2018



Artisan® Siding with Lock Joint System

Submittal Form

05

Submitted to:.....
 Project Name:.....
 Submitted by:.....
 Date:.....

☐ HZ10® Product Zone ☐ HZ5® Product Zone
 Joint Style: ☐ V-Groove® ☐ Square Channel® ☐ Bevel Channel® ☐ Shiplap®

Artisan® 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® (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

Use

James Hardie Artisan® 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® Siding with Lock Joint System is a single-faced, cellulose fiber-reinforced cement (fiber-cement) product. 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
Bevel Channel	10-¼	9	12	5/8

Panel Texture & Finish

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

Engineered for Climate®

Artisan® Siding with Lock Joint System is engineered for performance to specific weather conditions by climate zones as identified by the following map.



SPECIFICATION SHEET 05 OCTOBER 2018

Performance Properties

General Property	Test Method	Unit or Characteristic	Requirement	Result
PHYSICAL ATTRIBUTES	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	
	ASTM C1185	Density, lb/ft ³	As reported	<75
DURABILITY	ASTM C1185	Water Tightness	Visual Observations	Pass
	ASTM C1185	Wet conditioned, psi	>1015 psi	Pass
		Equilibrium conditioned, psi	>1450 psi	
	ASTM C1185	Warm Water Resistance, Observations	Visual Observations	Pass
	ASTM C1185	Heat/Rain Resistance	Visual Observations	Pass
	ASTM C1185	Freeze/Thaw Resistance	Visual Observations	Pass
FIRE CHARACTERISTICS	ASTM E84	Freeze/Thaw, % strength retention	≥ 80%	Pass
		UV Accelerated Weathering Test	Visual Observations	Pass
		Flame Spread Index (FSI)	No cracking, checking, or crazing	0
		Smoke Developed Index (SDI)		≤ 5
		Fuel Contributed		0
		NFPA Class		A
	ASTM E136	Uniform Building Code Class	As reported	1
		International Building Code® class		A
		Non-combustibility	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

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JamesHardie

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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Timberline HDZ® Specs

ABOUT (HTTPS://WWW.GAF.COM/EN-US/ROOFING-PRODUCTS/RESIDENTIAL-ROOFING-PRODUCTS/SHINGLES/TIMBERLINE/ARCHITECTURAL/TIMBERLINE-HDZ)	SPECS (HTTPS://WWW.GAF.COM/EN-US/ROOFING-PRODUCTS/RESIDENTIAL-ROOFING-PRODUCTS/SHINGLES/TIMBERLINE/ARCHITECTURAL/TIMBERLINE-HDZ/SPECIFICATIONS)	DOCS (HTTP://WWW.GAF.COM/EN-US/ROOFING-PRODUCTS/SHINGLES/TIMBERLINE/ARCHITECTURAL/TIMBERLINE-HDZ/SPECIFICATIONS)
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SPECIFICATIONS (ALL DIMENSIONS ARE NOMINAL)

AWARDS & RECOGNITION	Good Housekeeping Rated
25-YEAR STAINGUARD PLUS™ ALGAE PROTECTION LIMITED WARRANTY	StainGuard Plus™ Algae Protection Limited Warranty
\$ - \$\$\$\$	\$\$
DURABILITY & TOUGHNESS	Advanced Protection Shingle with GAF Dura Grip Adhesive
EXPOSURE	5.625" (144 mm)
EXTREME WEATHER IMPACT RATED	No
FIRE RATING	Highest Rating - Class A
MATERIAL	Fiberglass Asphalt Construction
WIND RATING	Eligible for the WindProven™ Limited Wind Warranty when installed with four required GAF accessory products
SHINGLE STYLE	Wood-Shake Look
SHINGLE TYPE	Architectural Shingles
APPROX. NAILS/SQ	256

AWARDS & RECOGNITION: Good Housekeeping Rated

25-YEAR STAINGUARD PLUS™ ALGAE PROTECTION LIMITED WARRANTY: StainGuard Plus™ Algae Protection Limited Warranty

\$ - \$\$\$\$: \$\$

DURABILITY & TOUGHNESS: Advanced Protection Shingle with GAF Dura Grip Adhesive

EXPOSURE: 5.625" (144 mm)

EXTREME WEATHER IMPACT RATED: No

FIRE RATING: Highest Rating - Class A

MATERIAL: Fiberglass Asphalt Construction