

# Hardie® Artisan Lap Siding

## SUBMITTAL FORM

# 07

Submitted to: .....

Project Name: .....

Submitted by: .....

Date: .....

Lap



☐ HZ10® Product Zone ☐ HZ5® Product Zone

Product Width: ☐ 7-1/4 in ☐ 8-1/4 in

Product Finish: ☐ Primed

Product Texture: ☐ Smooth

## SPECIFICATION SHEET

# 07

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, AL

### Compliance with the following codes

- 2006 thru 2021 International Building Code (IBC)
- 2006 thru 2021 International Residential Code (IRC)

For more information about other compliances and applicable uses, refer to ICC-ES ESR-2290

### Features

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

### Use

Hardie® Artisan Lap Siding 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 Lap Siding 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)	Length (feet)	Thickness (inches)
Lap	7-1/4, 8-1/4	12	5/8

### Panel Texture & Finish

Hardie® Artisan Lap Siding comes in a smooth finish.

Finish comes primed for field paint.

### Engineered for Climate®

Hardie® Artisan Lap Siding 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
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® Artisan Lap Siding products in accordance with:

- Hardie® Artisan Lap Siding Installation Instructions
- ICC-ES ESR-2290
- Requirements of local authorities having jurisdiction

## Warranty

Hardie® Artisan Lap Siding: 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](https://www.jameshardie.com), or by phone at (800) 426-4051