

# Reveal® Panel System

Submittal Form

**04**

Submitted to: .....

Project Name: .....

Submitted by: .....

Date: .....

- HZ5® Product Zone     HZ10® Product Zone
- Product Finish:  Primed     ColorPlus®Technology
- Trim Style:  Recess     Surround     Mixed
- Trim Finish:  Color Match (Surround)     Clear Anodized (Surround)     Primed (Recess)
- Screw Type:  Wood (Exposed)     Steel (Exposed)     Countersink
- Screw Finish:  Stainless (field paint or natural)     Color Match     Countersink

# Reveal® Panel System

Specification Sheet

**04**

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 location, under a quality control program with 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™ cladding panels
- Impact resistant

## Use

James Hardie Reveal Panel 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

James Hardie Reveal® Panel is a single-faced, cellulose fiber-reinforced cement (fiber-cement) product. Reveal Panel 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 (inches)	Thickness (inches)
Reveal® Panel	47.5	95.5	7/16

## Panel Texture & Finish

Reveal Panel comes in smooth texture. Finish options include factory finished with ColorPlus technology in 24 colors, or primed for field paint.

## Trims

Reveal® Panel trims supplied by James Hardie are made of 6063-T5 aluminum alloy with a minimum thickness of 0.050 in.

## Fasteners

Fasteners supplied by James Hardie.

Exposed Fasteners for wood or steel:

- T20W Torx Pan Head

Countersunk Fasteners for wood and steel:

- SS Bugle Head Square Drive

## Engineered for Climate®

The Reveal Panel 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
<b>PHYSICAL ATTRIBUTES</b>	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/ft <sup>3</sup>	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	
<b>DURABILITY</b>	ASTM C1185	Visual Observations	No visible cracks or structural alteration	Pass
	ASTM C1185	Visual Observations	No visible cracks or structural alteration	Pass
	ASTM C1185	Visual Observations	No visible cracks or structural alteration	Pass
		Freeze/Thaw, % strength retention	≥ 80%	
ASTM G23	Visual Observations	No cracking, checking, or crazing	Pass	
<b>FIRE CHARACTERISTICS</b>	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	
ASTM E136	Non-combustible	Pass/fail	Pass	

**Installation**

Install Reveal Panel System in accordance with:

- Reveal Panel System Installation Instructions
- Reveal Panel System Technical Data Sheet
- Requirements of authorities having jurisdiction

**Warranty**

Reveal® Panel 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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