

BUILDING PRODUCTS LISTING PROGRAM

Customer: DaVinci Roofscapes, LLC
 Class: Plastic Siding
 Location: 13890 West 101st Street, Lenexa, KS 66215
 Website: www.davinciroofscapes.com

Listing No. B1050
 Project No. B1050-2. Ed. 1
 Effective Date: October 29, 2019
 Last Revised: October 29, 2019
 Date:
 Expires: <N/A>

Standards: ASTM D7254 *Standard Specification for Polypropylene (PP) Siding.*
 ASTM D5206 *Standard Test Method for Windload Resistance of Rigid Plastic Siding.*
 TAS 202 *Criteria for Testing Impact & Non Impact Resistant Building Envelope Components Using Uniform Static Air Pressure.*
 TAS 203 *Criteria for Testing Products Subject to Cyclic Wind Pressure Loading.*

Product: DaVinci Handsplit Shake, Polymeric Exterior Cladding Products

DaVinci Handsplit Shake product details are outlined in the table below:

PRODUCT	WIDTHS	THICKNESS	LENGTHS	EXPOSURE
Handsplit Shake	8", 10"	Head End: ¼ inch Butt End: 5/8 inches	18"	6"-8"

Markings: Products are marked in a permanent manner on the backside of each panel with the following:

- a) Company Name: DaVinci Rooscapes, LLC
- b) Product Name: Handsplit Shake.
- c) Date of Manufacture.
- d) QAI logo shown here:



Ratings: DaVinci Hand Split Shake complies with performance requirements as outlined in ASTM D7254, with wind pressure resistance ratings as outlined in tables found in this listing.

DaVinci Hand Split Shake has the following allowable design pressures for the wall assemblies detailed, determined in accordance with ASTM D5206:

ASSEMBLY	MAXIMUM EXPOSURE	FASTNER DETAILS	MINIMUM SHEATHING	DESIGN PRESSURE ¹
1	8 inches	2 - 6D Common Nail per Shake, Minimum 2-inches length	15/32 inches thickness PS 2 Exposure Rated Plywood	60 psf
2	8 inches	2 - 6D Common Nail per Shake, Minimum 2-inches length	7/16 inches thickness PS 2 rated Oriented Strandboard (OSB)	45 psf
3	8 Inches	2 – Ring Shank Roofing Nails per Shake – Minimum 1-1/4 inch length	15/32 inches thickness PS 2 Exposure Rated Plywood	105 psf

1: Design pressure is determined following methodology outlined in ASTM D7254, based on maximum sustained static pressure achieved during testing, with an applied pressure equalization factor of 1 and factor of safety of 2 applied.

DaVinci Handsplit Shake has the following allowable design pressures for the wall assemblies detailed, determined in accordance with TAS 202 / TAS 203 for use in high velocity hurricane zones:

ASSEMBLY	MAXIMUM EXPOSURE	FASTNER DETAILS	MINIMUM SHEATHING	DESIGN PRESSURE ²
3	8 Inches	2 – Ring Shank Roofing Nails per Shake – Minimum 1-3/4 inches length	15/32 inches thickness PS 2 Exposure Rated Plywood	90 psf

2: TAS 201 missile impact not conducted as DaVinci Handsplit Shake is intended for installation over 5/8 inch thickness sheathing.

Notes: Fire resistance rated wall applications, gravity loads and seismic considerations are outside the scope of this QAI listing.

Non-structural elements of the exterior wall construction are to be installed in accordance with the local building codes, where the elements do not interfere with anchorage of the DaVinci Handsplit Shakes to sheathing.

The local Authority Having Jurisdiction is to be consulted for final approval of site specific project details.

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