

BUILDING PRODUCTS LISTING PROGRAM

Customer: Westlake DaVinci Roofscapes, LLC
Class: Composite Roof Panels
Location: 13890 West 101st Street, Lenexa, KS 66215
Website: www.davinciroofscapes.com

Listing No. B1050
Project No. B1050-1. Edition 9
Effective Date: June 31, 2012
Last Revised Date: August 18, 2025
Expires: <N/A>

Standards: ASTM E108-20a *Standard Test Methods for Fire Tests of Roof Coverings.*
UL 790-22 *Standard Test Methods for Fire Tests of Roof Coverings.*
CAN/ULC S107-19 *Standard Methods of Fire Tests of Roof Coverings.*
UL 2218-24 *Impact Resistance of Prepared Roof Covering Materials.*

Products: Westlake DaVinci Roofscapes composite roof coverings are polymeric products available in the following models:

- DaVinci Shake
- DaVinci Slate
- Select Shake
- Fancy Shake (Beaver / Diamond)
- Province Slate
- Inspire Class A
- Inspire Class C

Markings: Listed products are identified with the following information:

- Address of manufacture
- Product Name
- Date of Manufacture
- Standards "UL2218", "ASTM E108", "UL 790" or "CAN/ULC S107".
- QAI logo shown here:



Ratings: The following outlines roof-fire classified assemblies determined in accordance with ASTM E108, UL 790, CAN/ULC S107 and UL 2218:

Roof Fire Classified Assemblies¹

SYSTEM NUMBER	MINIMUM SHEATHING ²	APPROVED UNDERLAYMENT ^{3,4}	APPROVED ⁵ COVERING(s)	MAXIMUM EXPOSURE (in) (mm)	MAXIMUM SLOPE	CLASS
1	15/32" (12 mm) Exposure 1 Plywood	Any Approved Underlayment	Davinci Slate Davinci Shake Select Shake Province Slate Inspire Classic A or C	8 (203) 10 (254) 10 (254) 8 (203) 7.5 (191)	Unlimited	C
2	15/32" (12 mm) Exposure 1 Plywood	1 layer Eco Chief Solarhide™ Optional, 1 base layer of ASTM D1970 peel-and-stick	Davinci Slate Davinci Shake Select Shake Province Slate Inspire Classic A	8 (203) 10 (254) 10 (254) 8 (203) 7.5 (191)	Unlimited	A
3	15/32" (12 mm) Exposure 1 Plywood	1 layer 30 lbs ASTM D226 Type II felt covered with 1 layer 0.1" (2.5 mm) thickness ASTM D3909 capstock Optional, 1 base layer of ASTM D1970 peel-and-stick	Davinci Slate Davinci Shake Select Shake Province Slate	8 (203) 10 (254) 10 (254) 8 (203) 7.5 (191)	Unlimited	A
4	15/32" (12 mm) Exposure 1 Plywood	2 layers Fontana VulcaSeal G40	Davinci Slate Davinci Shake Select Shake Province Slate	8 (203) 10 (254) 10 (254) 8 (203) 7.5 (191)	Unlimited	A
5	15/32" (12 mm) Exposure 1 Plywood	1 layer ELK VersaShield™ Optional, 1 base layer of ASTM D1970 peel-and-stick	Davinci Slate Davinci Shake Select Shake	8 (203) 10 (254) 10 (254)	Unlimited	A
6	15/32" (12 mm) Exposure 1 Plywood	1 layer of 30 lbs (13.6 kg) ASTM D226 Type II or 2 layers of 15 lbs (6.8 kg) ASTM D226 Type I felt Optional, 1 base layer of ASTM D1970 peel-and-stick	Davinci Slate	6 (152)	Unlimited	A
7	15/32" (12 mm) Exposure 1 Plywood	1 layer Fontana VulcaSeal G40	Davinci Slate Davinci Shake Select Shake	8 (203) 10 (254) 10 (254)	Unlimited	A
14	15/32" (12 mm) Exposure 1 Plywood	Optional, 1 base layer of ASTM D1970 peel-and-stick	Diamond/Beaver Shake	5 (127)	Unlimited	
8	15/32" (12 mm) Exposure 1 Plywood	2 layers of MB Technology Layfast TU35 lbs SBS	Davinci Slate Davinci Shake Select Shake	7 (178) 10 (254) 10 (254)	Unlimited	A
9	15/32" (12 mm) Exposure 1 Plywood	1 layers of MB Technology Layfast TU35 lbs SBS	Fancy Shake Diamond/Beaver Shake	8 (203) 5 (127)	Unlimited	A
10	15/32" (12 mm) Exposure 1 Plywood	1 layer of Grace Ice/Water Shield 200 with 1 layer Soprema Self-Adhered Cap Sheet	Fancy Shake Diamond/Beaver Shake	7 (178) 5 (127)	Unlimited	A
11	7/16" (11 mm) Exposure 1 Oriented Strand Board (OSB)	1 layer Eco Chief Solarhide™ Optional, 1 base layer of ASTM D1970 peel-and-stick	Davinci Slate	8 (203)	Unlimited	A
12	7/16" (11 mm) Exposure 1 OSB	2 layers of PolyGlass Polystick XFR	Davinci Slate Davinci Shake Select Shake	8 (203) 10 (254) 10 (254)	Unlimited	A

13	7/16" (11 mm) Exposure 1 OSB	1 layer Eco Chief Solarhide™ Optional, 1 base layer of ASTM D1970 peel-and-stick	Davinci Slate Davinci Shake Select Shake Province Slate Inspire Classic A	8 (203) 10 (254) 10 (254) 8 (203) 7.5 (191)	Unlimited	B
14	15/32" (12 mm) Exposure 1 Plywood	2 layers 30 lbs (13.6 kg) ASTM D226 Type II felt	Davinci Slate Davinci Shake Select Shake Province Slate	8 (203) 10 (254) 10 (254) 8 (203) 7.5 (191)	Unlimited	B

- Assemblies referenced are outlined in QAI certification file B1050-1 / CERus-1049 for Westlake DaVinci, Roofscapes, LLC. For the most up to date roof-fire classified assemblies.
- Wood structural panels noted are to comply with the applicable code specifications for use as wood roof sheathing for product wood sheathing type.
- Underlayment is to comply with the applicable code and / or product type shown, bearing the mark of an accredited certification body for compliance to the applicable code.
- Installation of underlayment to sheathing is to comply with the applicable manufacturer installation instructions and the applicable code, including overlapping end lap minimums.
- Product sub-models included within each respective listing: Where Davinci Slate is named, it allows for all Single-width and multi-width installations. Where Davinci Shake is named, it allows for all Single-width and multi-width installations, and, for Fancy Shake at maximum 8" exposure, or Fancy Diamond or Fancy Beaver Tail at maximum 5" exposure.

Impact Rated Assemblies

Substrate	Approved Underlayment	Approved Roof Coverings	Installation Guidelines	Hail-Impact Classification ¹
Minimum 15/32-inch-thick plywood	Unrestricted	Shake Slate Select Shake Fancy Shake Diamond/Beaver Shake Province Slate Inspire Classic A & C	See Sections 2.2, 4.1, 4.2 and 4.3	Class IV (Class 4)

Note 1: Hail-impact classification determined in accordance with UL 2218.

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