

BUILDING PRODUCTS LISTING PROGRAM

Customer: FSR Treatment Inc.
Class: Fire Retardant Treated Wood Shingles and Shakes
Location: Maple Ridge, British Columbia Canada
Website: www.firesmartroofing.com

Listing No. B1153-1
Project No. B1153-1
Effective Date: July 12, 2024
Last Revised Date: July 12, 2024
Expires: <N/A>

Standards: CAN/ULC S107 *Standard Methods of Fire Tests of Roof Coverings.*
ASTM E108 *Standard Test Methods for Fire Tests of Roof Coverings.*
UL 2218 *Impact Resistance of Prepared Roof Covering Materials.*

Products: FSR Treatment FTX and FSR Treated Western Cedar Shake and Shingles of the following types:

- Western Cedar Class B formulation.
- Western Cedar Class C formulation.

Markings: Listed products are identified with the following information:

- Address of manufacture
- Product Name
- Date of Manufacture
- Roof Fire Classification Class
- QAI logo shown here:



Ratings: The following outlines roof-fire classified assemblies determined in accordance with CAN/ULC S107 / ASTM E108 on product after weathering exposure:

System	Substrate ^{1,2}	Approved Underlayment ²	Approved Roof Coverings	Maximum Slope	Classification
New Construction Or Reroof when existing roof is removed ¹	Minimum ¼-inch (6 mm) thickness non-combustible covering over solid or spaced sheathing.	Code required underlayment installed over the non-combustible covering.	FTX and FSR Shingles and Shakes Class B Treatment installed per code.	Unlimited	A
	Minimum 15/32-inch (12 mm) thickness solid or minimum 1x4-inch (19x89 mm) spaced sheathing.	1 layer of ASTM D3909 compliant cap stock, installed with offset joints and minimum 2-inch (51 mm) joint and end overlap.			
New Construction Or Reroof when existing roof is removed ¹	Minimum 15/32-inch (12 mm) thickness solid or minimum 1x4-inch (19x89 mm) spaced sheathing.	ASTM D226 Type II for shingles.	FTX and FSR Shingles and Shakes Class B Treatment	Unlimited	B
		Shakes require a minimum 36-inch (914 mm) width ASTM D226 Type II underlayment installed under the beginning eave starter course.			
New Construction Or Reroof when existing roof is removed ¹	Minimum 15/32-inch (12 mm) thickness solid or minimum 1x4-inch (19x89 mm) spaced sheathing.	ASTM D226 Type II for shingles.	FTX and FSR Shingles and Shakes Class C Treatment	Unlimited	C
		Shakes require a minimum 36-inch (914 mm) width ASTM D226 Type II underlayment installed under the beginning eave starter course.			

Note 1: Installation non-combustible covering and spaced or solid plywood sheathing is to be in accordance with the applicable code for anticipated service loads.

Note 2: Solid or spaced sheathing shall comply with Sections 4.1 to 4.2 of this report. Attachment of sheathing to resist service loads is outside the scope of this report.

Note 3: Installation of the underlayment is to be in accordance with the applicable code, and the manufacturer's published installation instructions.

The following outlines impact resistant assemblies determined per UL 2218.

Substrate	Approved Underlayment	Approved Roof Coverings	Installation Guidelines	Hail-Impact Classification ¹
Minimum 15/32-inch (12 mm) thickness solid or minimum 1x4-inch (19x89 mm) spaced sheathing.	Code approved underlayment.	FTX and FSR Shingles and Shakes Class B and Class C Treatments	Installed per the applicable code.	Class IV

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