

## **BUILDING PRODUCTS LISTING PROGRAM**

Customer: G.E.M. Incorporated  
Class: Roof Coverings  
Location: Calgary, Alberta  
Website: [www.euroshieldroofing.com](http://www.euroshieldroofing.com)

Listing No. B1092-1  
Project No. B1092-1 Edition 3

Effective Date: June 10, 2016  
Last Revised Date: February 28, 2019

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

Product: Euroshield® Recycled Composite Roof Covering Products as outlined below:

- Harvest Shake
- Granville Slate
- Ranchlands Shake
- Rundle Slate
- Beaumont Shake

Markings: Product is marked with labels supplied by G.E.M. Incorporated. The label includes:

- a) Manufacturer's name
- b) Product name
- c) Date of manufacture
- d) QAI logo with 'c' and 'us' identifier
- e) QAI Listing number (B1092)
- f) CAN/ULC S107 and ASTM E108 Fire Classification (Class C)
- g) UL 2218 Impact Classification (Class IV)

Labels are applied to palletized finished products to ensure visibility on the jobsite.

Models / Ratings: G.E.M. Incorporated manufactures roof covering products in the following configurations and ratings:

**CAN/ULC S107 and ASTM E108 Class C Roofing Application: Unlimited slope**

Roof Covering Product	Panel Dimensions			Deck Assembly
	Width	Height	Thickness	
<b>Harvest Shake</b>	40"	17"	1/2"	<u>Deck:</u> <ul style="list-style-type: none"> <li>Minimum 1/2" AC Exterior grade plywood</li> </ul> <u>Underlayment:</u> <ul style="list-style-type: none"> <li>See Note 1 and 2</li> <li>One layer fastened to the test deck with 2" overlap at horizontal joints</li> </ul>
<b>Granville Slate</b>	40"	17"	3/8"	
<b>Ranchlands Shake</b>	36"	22-1/2"	3/4"	
<b>Rundle Slate</b>	36"	22-1/2"	3/4"	
<b>Beaumont Shake</b>	40"	20"	1/2"	<u>Deck:</u> <ul style="list-style-type: none"> <li>Minimum 1/2" AC Exterior grade plywood</li> </ul> <u>Underlayment:</u> <ul style="list-style-type: none"> <li>See Note 1 and 2</li> <li>One layer fastened to the test deck with 4" overlap at horizontal joints</li> </ul>

**UL 2218 Impact Resistant Class IV Roofing Application: Unlimited slope**

Roof Covering Product	Panel Dimensions			Deck Assembly
	Width	Height	Thickness	
<b>Harvest Shake</b>	40"	17"	1/2"	<u>Deck:</u> <ul style="list-style-type: none"> <li>Minimum 1/2" AC Exterior grade plywood</li> </ul> <u>Underlayment:</u> <ul style="list-style-type: none"> <li>See Note 1 and 2</li> <li>One layer fastened to the test deck with 2" overlap at horizontal joints</li> </ul>
<b>Granville Slate</b>	40"	17"	3/8"	
<b>Ranchlands Shake</b>	36"	22-1/2"	3/4"	
<b>Rundle Slate</b>	36"	22-1/2"	3/4"	
<b>Beaumont Shake</b>	40"	20"	1/2"	<u>Deck:</u> <ul style="list-style-type: none"> <li>Minimum 1/2" AC Exterior grade plywood</li> </ul> <u>Underlayment:</u> <ul style="list-style-type: none"> <li>See Note 1 and 2</li> <li>One layer fastened to the test deck with 4" overlap at horizontal joints</li> </ul>

Notes: **Note 1:** *Underlayment and roof covering products are to be installed with mechanical fasteners in accordance with the manufacturer's published installation instructions. Self-adhering or adhesive applied underlayment installations are outside the scope of this listing.*

**Note 2:** *Underlayment shall be a listed ASTM D226 complying Type II felt underlay.*

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