

## BUILDING PRODUCTS LISTING PROGRAM

Customer: PowerWool Insulation Inc.  
 Class: Thermal Insulation  
 Location: Surrey, BC Canada  
 Website: <http://powerwoolinsulation.com>

Listing No. B1124-1  
 Project No. B1124-1, Edition 2  
 Effective Date: July 5, 2021  
 Last Revised Date: February 3, 2022  
 Expires: N/A

Standards: CAN/ULC S702.1 *Standard for Mineral Fibre Thermal Insulation For Buildings, Part 1: Material Specification.*  
 CAN/ULC S102 *Standard Method of Test for Surface Burning Characteristics of Buildings Materials and Assemblies.*  
 CAN/ULC S114 *Standard Method of Test for Determination of Non-Combustibility in Building Materials.*  
 ASTM C1338 *Standard Test Method for Determining Fungi Resistance of Insulation Materials and Facings.*  
 ASTM C612 *Standard Specification for Mineral Fiber Block and Board Insulation.*  
 ASTM E84 *Standard Test Method for Surface Burning Characteristics of Building Materials.*  
 ASTM E136 *Standard Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750°C.*

Product: RigiBoard™ Mineral Fiber Board Insulation in the following types:

DENSITY (kg/m <sup>3</sup> )	THICKNESS OPTIONS
128	38 mm (1.5 in.), 51 mm (2 in.), 76 mm (3 in.), 102 mm (4 in.)
140	38 mm (1.5 in.), 51 mm (2 in.), 76 mm (3 in.), 102 mm (4 in.)
160	38 mm (1.5 in.), 51 mm (2 in.), 76 mm (3 in.), 102 mm (4 in.)
176	38 mm (1.5 in.), 51 mm (2 in.), 76 mm (3 in.), 102 mm (4 in.)

Markings: Product is marked with labels supplied by PowerWool Insulation Inc. The label includes:

- a) Manufacturer's name.
- b) Product name.
- c) CAN/ULC S702.1 Type 1 / ASTM C612 Type IVB Compliant.
- d) CAN/ULC S114 / ASTM E136 Non-Combustible.
- e) FSI = 0 / SDI = 0 per CAN/ULC S102 and ASTM E84
- f) Thermal Resistance for product.
- g) Traceability code.

h) QAI logo shown here:



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

Ratings: **The following outlines PowerWool Insulation RigiBoard™ mineral fiber board thermal Insulation performance determined in accordance with the noted standards.**

RigiBoard™ 128 kg/m<sup>3</sup> to 176 kg/m<sup>3</sup> density products comply for use as Type 1 Preformed insulation in the form of mineral fiber boards without a facer, classified in accordance with CAN/ULC S702.1.

RigiBoard™ 8 lbs/ft<sup>3</sup> – 11 lbs/ft<sup>3</sup> density products comply for use as Type IVB Preformed insulation in the form of mineral fiber boards without a facer, classified in accordance with ASTM C612.

RigiBoard™ Type 1 mineral fiber board thermal insulation surface burning characteristics determined in accordance with CAN/ULC S102:

PRODUCT	DENSITY RANGE	MAXIMUM THICKNESS	FLAME SPREAD INDEX (FSI)	SMOKE DEVELOPED INDEX (SDI)
RigiBoard™	128 - 176 kg/m <sup>3</sup>	102 mm	0	0

RigiBoard™ Type 1 mineral fibre board thermal insulation products classified as non-combustible per CAN/ULC S114:

PRODUCT	DENSITY	CLASSIFICATION
RigiBoard™	128 - 176 kg/m <sup>3</sup>	Non-Combustible

RigiBoard™ Type IVB mineral fiber board thermal insulation surface burning characteristics determined in accordance with ASTM E84:

PRODUCT	DENSITY RANGE	MAXIMUM THICKNESS	FLAME SPREAD INDEX (FSI)	SMOKE DEVELOPED INDEX (SDI)
RigiBoard™	8 lbs/ft <sup>3</sup> -11 lbs/ft <sup>3</sup>	4 inches	0	0

RigiBoard™ Type IVB mineral fiber board thermal insulation products classified as non-combustible per ASTM E136:

PRODUCT	DENSITY	CLASSIFICATION
RigiBoard™	8 – 11 lbs/ft <sup>3</sup>	Non-Combustible

RigiBoard™ Type 1 / Type IVB mineral fiber boards of 128 - 176 kg/m<sup>3</sup> (8 – 11 lbs/ft<sup>3</sup>) density do not support fungi growth when evaluated to ASTM C1338.

Notes: Final acceptance of the product in the intended application is to be determined by the authority having jurisdiction.

The materials, products or systems listed herein have been qualified to bear the QAI Listing Mark under the conditions stated with each Listing. Only those products bearing the QAI Listing Mark are considered to be listed by QAI. No warranty is expressed or implied, and no guarantee is provided that any jurisdictional authority will accept the Listing found herein. The appropriate authorities should be contacted regarding the acceptability of any given Listing. Visit the QAI Online Listing Directory located at [www.qai.org](http://www.qai.org) for the most up to date version of this Listing and to validate that this QAI Listing is active. Questions regarding this listing may be directed to [info@qai.org](mailto:info@qai.org). Please include the listing number in the request.

\*\*\*