

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 1
 Effective Date: July 5, 2021
 Last Revised Date: N/A
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Standards: CAN/ULC S702.1-2014(2019) *Standard for Mineral Fibre Thermal Insulation For Buildings, Part 1: Material Specification.*

CAN/ULC S102-10 *Standard Method of Test for Surface Burning Characteristics of Buildings Materials and Assemblies.*

CAN/ULC S114-18 *Standard Method of Test for Determination of Non-Combustibility in Building Materials.*

ASTM C1338-19 *Standard Test Method for Determining Fungi Resistance of Insulation Materials and Facings.*

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

| DENSITY (kg/m ³) | 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 Compliant.
- d) CAN/ULC S114 Non-Combustible.
- e) Flame Spread Index (0) Smoke Developed Index (0) per CAN/uLC S102.
- 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 fibre board thermal Insulation performance determined in accordance with the noted standards.**

RigiBoard™ 128 kg/m³, 140 kg/m³, 160 kg/m³, and 176 kg/m³ density products comply for use as Type 1 Preformed insulation in the form of mineral fibre boards without a facer, classified in accordance with CAN/ULC S702.1.

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

| RigiBoard™ Product Thicknesses | DENSITY Range | MAXIMUM THICKNESS | FLAME SPREAD INDEX (FSI) | SMOKE DEVELOPED INDEX (SDI) |
|------------------------------------|-----------------------------|----------------------|--------------------------|-----------------------------|
| 38 mm – 102 mm (1.5 – 4 inches) | 128 - 176 kg/m ³ | 102 mm (4 inches) | 0 | 0 |

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

| RigiBoard™ Product Thicknesses | DENSITY Range | CLASSIFICATION |
|------------------------------------|-----------------------------|-----------------|
| 38 mm – 102 mm (1.5 – 4 inches) | 128 - 176 kg/m ³ | Non-Combustible |

RigiBoard™ Type 1 mineral fibre boards of 128 kg/m³, 140 kg/m³, 160 kg/m³, and 176 kg/m³ 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.

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