

BUILDING PRODUCTS LISTING PROGRAM

Customer: **Tianjin Huayue International Trade Co., Ltd.**
Class: Thermal Insulation – Mineral Fibre Board
Location: Xiqing District, Tianjin, China
Website: <https://sinoinsulation.com>

Listing No. B1172
Project No. B1172 - Edition 1

Effective Date: April 28, 2026M
Last Revised Date: Not Applicable

Standards: CAN/ULC S702.1-2021	<i>Standard For Mineral Fibre Thermal Insulation For Buildings, Part 1: Material Specification.</i>
CAN/ULC S114-2018 (R2014)	<i>Standard Method of Test for Determination of Non-Combustibility in Building Materials.</i>
CAN/ULC 102-2019 (R2024)	<i>Standard Method of Test for Surface Burning Characteristics of Buildings Materials and Assemblies.</i>
ASTM C1338-2019	<i>Standard Test Method for Determining Fungi Resistance of Insulation Materials and Facings.</i>

Products: ThermRock™ Basaltboard™ (60 - 176 kg/m³)

Markings: Listed (certified) products are identified with a label bearing the following information:

- a) Company Name
- b) Product Name
- c) Traceability Code (Date of Manufacture)
- d) QAI Listing File Number B1172-1
- e) Complies with CAN/ULC S702.1 Type 1
- f) Number of Pieces per Package
- g) Net Content of Package (m²)
- h) Design linear dimensions of the pieces in the package (mm)
- i) Design thickness (mm)
- j) Thermal Resistance (m²*K) /W to one decimal place
- k) CAN/ULC 102 Flame Spread and Smoke Developed Values (FSV<25 / SDV<50)
- l) CAN/ULC S114 – Classified as Non-Combustible
- m) QAI mark outlined below:



Models: ThermRock™ Basaltboard™ complies as Type 1 mineral fibre thermal insulation board in accordance with CAN/ULC S702.1, with the following thermal resistance values as outlined below:

ThermRock™ Basaltboard™ Thermal Resistance SI (RSI)

THICKNESS mm	DENSITY kg/m ³	
	60 – 100	128 – 176
38	1.1	1.1
51	1.5	1.4
76	2.2	2.1
89	2.6	2.5
102	3.0	2.8
127	3.7	3.5
152	4.4	4.2

ThermRock™ Basaltboard™ Thermal Resistance (R-Value)

THICKNESS inches	DENSITY kg/m ³	
	60 – 100	128 – 176
1.5	6.3	6
2	8.4	8
3	13	12
3.5	15	14
4	17	16
5	21	20
6	25	24

ThermRock™ Basaltboard™ Type 1 mineral fibre thermal insulation board surface burning characteristics per CAN/ULC 102 are outlined below:

PRODUCT	DENSITY	CLASSIFICATION		
		MAXIMUM THICKNESS	FLAME SPREAD VALUE (FSV)	SMOKE DEVELOPED VALUE (SDV)
ThermRock™ Basaltboard™	60 – 176 kg/m ³	152 mm	≤ 25	≤ 50

ThermRock™ Type 1 mineral fibre thermal insulation board classified as non-combustible in accordance with CAN/ULC S114:

PRODUCT	DENSITY RANGE	CLASSIFICATION
ThermRock™ Basaltboard™	60 – 176 kg/m ³	Non-Combustible

ThermRock™ Type 1 mineral fibre thermal insulation board of 60 kg/m³ - 176 kg/m³ density does not support fungi growth when evaluated in accordance with ASTM C1338.

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

Listed manufacturer(s) are subject to on-going inspections by QAI to ensure that the products outlined above remain as it is listed.

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 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. Please include the listing number in the request.
