

## **BUILDING PRODUCT LISTING PROGRAM**

Customer: Pacific Insulation Products  
Class: Insulated Foil Faced Panels  
Location: Sultan, WA  
Website: <http://pacificinsulationproducts.com>

Listing No. B1103-1  
Project No. B1103-1 Edition 3

Effective Date: July 1, 2018  
Last Revised Date: June 25, 2021  
Expires: N/A

Standards: ASTM E84 *Standard Test Method for Surface Burning Characteristics of Building Materials.*  
UL 1715 *Fire Test of Interior Finish Material.*  
CAN/ULC S102 *Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies.*  
CAN/ULC S138 *Standard Method of Test for Fire Growth of Insulated Building Panels in a Full-Scale Room Configuration.*

Product: R-Seal Insulated Wall and Roof Panels.

Markings: Each panel is marked with a permanent label containing the following information:

- Address, including city and country of manufacture
- Product Name
- Date of Manufacture
- Job Number
- QAI Certification logo and listing number (B1103)
- Flame Spread Index / Smoke Developed Index (FSI < 25 / SDI < 450  
ASTM E84, FSI < 25 / SDI < 150 ULC S102)
- QAI logo shown here:



Models / Ratings: Pacific Insulation Products R-Seal panels have surface burning characteristics determined in accordance with ASTM E84:

Model(s)	Flame Spread Index	Smoke Developed Index	Thickness Max. (Inches)	Density Max. (lbs/ft <sup>3</sup> )
R-Seal with skin	≤ 25	≤ 450	5	2.5
R-Seal foam core with skins removed	≤ 25	≤ 450	5	2.5

Pacific Insulation Products R-Seal panels have surface burning characteristics determined in accordance with CAN/ULC S102:

Model(s)	Flame Spread Index	Smoke Developed Index	Thickness Max. (mm)	Density Max. (kg/m <sup>3</sup> )
R-Seal with skin and joint evaluated.	≤ 25	≤ 500	127	40
R-Seal foam core with skins removed	≤ 25	≤ 500	127	40

Pacific Insulation Products R-Seal panels evaluated to UL 1715:

Model(s)	Density (lbs/ft <sup>3</sup> )	Thickness Maximum (inches)	Application
R-Seal	2.5	Wall: 3 Ceiling: 5	Wall and ceiling panels are mechanically attached to underlying structure with screws including washers of 1" diameter, with screws anchored into underlying structure. Ceiling to wall and corners are to be finished with 4" steel angle mechanically secured at 12" on center. Panel placement to ensure tight joints, per manufacturer's installation instructions. Joint sealant and aluminum foil tape along the panel edges is optional.

Pacific Insulation Products R-Seal panels evaluated to CAN/ULC S138:

Model(s)	Density (lbs/ft <sup>3</sup> )	Thickness Maximum (inches)	Application
R-Seal	2.5	Wall: 3 Ceiling: 5	<p>Wall and ceiling panels are mechanically attached to underlying structure with screws including washers of 1” diameter, with screws anchored into underlying structure. Ceiling to wall and corners are to be finished with 4” steel angle mechanically secured at 12” on center. Panel placement to ensure tight joints, per manufacturer’s installation instructions. Joint sealant and aluminum foil tape along the panel edges is optional.</p> <p>Installation is to include 155°F (68°C) activation temperature pendant style listed sprinklers.</p>

Notes:

Products must be installed with the manufacturer’s published installation instructions and in accordance with the building codes recognized by the authority having jurisdiction.

Listed manufacturers are subject to on-going inspections by QAI to ensure that the products outlined above remains 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](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.