

Technical - Specification Guides

To ensure you are supplied genuine **Polynum™** as specified, always document as follows:

Product Name: **Polynum™ 1**

The insulation material shall be **Polynum™ 1** fibre-free, thermo-cellular reflective insulation 3.8mm to 4.0mm thick, consists of single bubbles and two reflective layers, with low Emissivity (0.03 to 0.05 for each reflective surface), manufactured by Polyon Industries.

2. The insulation material shall comply with AS/NZS 4859.1 and, and be tested and certified to the following:
 - AS/NZS 4859.1
 - AS/NZS 4859.1 Appendix 1
 - ASTM-E408
 - ASTM-C1371: 1998
 - ASTM-E96
 - ASTM C – 1338
 - ASTM C 1136-92
 - Article R 121-7 (France, M1 classification)
 - Technical Approval: ITB AT-15-51567/2002
 - TAPPI T 803
3. The insulation material shall be installed as recommended at **Polynum™** Insulation's Installation Instructions and guides.
4. Submittals:
 - Product Data: Manufacturer's descriptive literature for reflective insulation material; indicate compliance to specified product characteristics, including documentation of code compliance, if documentation is required.
 - Verification Samples: Two samples, minimum size 8 inches (203 mm) square, of actual products to be installed.
 - Quality Assurance Submittals: Manufacturer's printed installation instructions for each indicated project condition; include recommended fastening materials and techniques.

5. Delivery Storage and Handling:

Store products of this section in manufacturer's unopened packaging until installation; maintain storage conditions recommended by manufacturer. Store in clean, dry area. Do not expose to rain, dew, or snow while still in roll form.

End of Specifications

