

Technical - Specification Guides

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

Product Name: **Polynum™ Ultra©**

1. The insulation material shall be **Polynum™ Ultra©** fibre-free, thermo-cellular reflective insulation 16mm thick, consists of multi bubbles multi 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:
 - ASTM C 1363 R-Value of 3.72 (Kxm2/W)
 - AS/NZS 4859.1
 - AS/NZS 4859.1 Appendix 1
 - ASTM-E408
 - ASTM-C1371: 1998
 - AS 1530.3
 - ASTM-E96
 - ASTM C – 1338
 - ASTM C 1136-92
 - ASTM E84-97a
 - BS476 Part 7
 - ASTM C 177-85
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

The logo for Polynum features the word "polynum" in a light blue, lowercase, sans-serif font. The letter "o" is highlighted with a yellow circle. The text is set against a large, stylized, light red swoosh that curves around the bottom and right sides of the word.