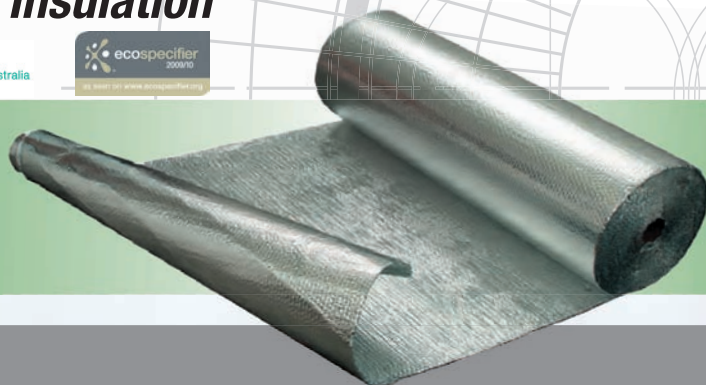


polyair™ **Multi**

Reflective Insulation



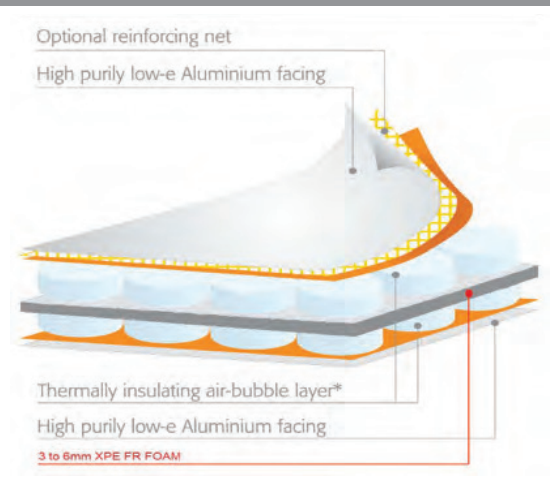
2x layers of highly reflective aluminium foil covering a double layer of small polyethylene bubble film and a single core layer of XPE fire retardant foam.



Technical Specification

Product	Polyair Multi	Roll Size	1.2m x 30m	Roll Diameter	600mm
Thickness	9mm	Coverage	36m ²	Roll Weight	14Kg
Property	Value	Standard	Testing Authority		
Reflective Performance - Silver	reflects 97% radiant heat	ASTM E408	University of Western Australia		
Reflective Performance - Copper	reflects 95% radiant heat	ASTM E408	University of Western Australia		
Infra-Red Emittance - Silver	0.03 emittance	ASTM E408	University of Western Australia		
Infra-Red Emittance - Copper	0.05 emittance	ASTM E408	University of Western Australia		
R-Value Calculations	Refer over page	AS/NZS 4859.1/Amdt 1 2006	James M. Fricker Pty Ltd		
Material Thermal Resistance	0.22 m ² K/W	ASTM C 518	R&D Services, Inc		
Dry Delamination	PASS	AS/NZS 4201.1	CSIRO		
Wet Delamination	PASS	AS/NZS 4859.1 (App I)	CSIRO		
Surface Corrosion	PASS	AS/NZS 4859.1 (App I)	CSIRO		
Fire - BCA Classification	Group 1	AS/NZS 3837:1998	AWTA Product Testing		
Fire - Ignitability Index	0 - PASS	AS/NZS 1530.3	AWTA Product Testing		
Fire - Spread of Flame Index	0 - PASS	AS/NZS 1530.3	AWTA Product Testing		
Fire - Heat Evolved Index	0 - PASS	AS/NZS 1530.3	AWTA Product Testing		
Fire - Smoke Developed Index	0 - 1PASS	AS/NZS 1530.3	AWTA Product Testing		
Fire - Flammability Index	0 - PASS	AS/NZS 1530.2	CSIRO		
Tensile Strength	25.3 kg per cm ²	ASTM C1136	SGS U.S. Testing Company Inc.		
Vapour Transmission	0.018 perms	ASTM E96 method A	SGS U.S. Testing Company Inc.		
Fungal Growth	Nil	ASTM C1338	SGS U.S. Testing Company Inc.		

Structure of Insulation



Quality Management System

Polyair products are designed and manufactured under control of a Quality Management System, which meets the requirements of ISO 9001:2000 as certified by:



Features and Benefits



Eco-Friendly



Cost Effective



Multi Layer Technology



High Performance

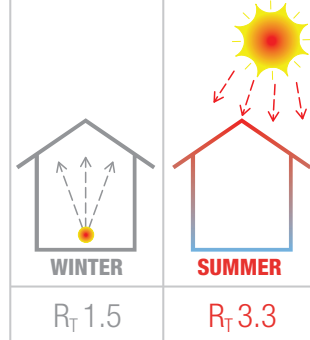
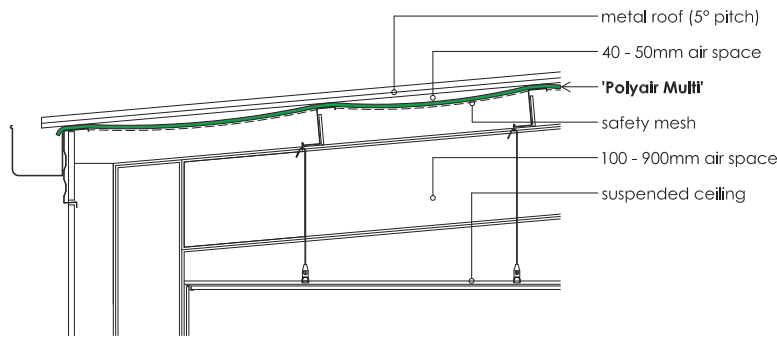


Safe to Handle

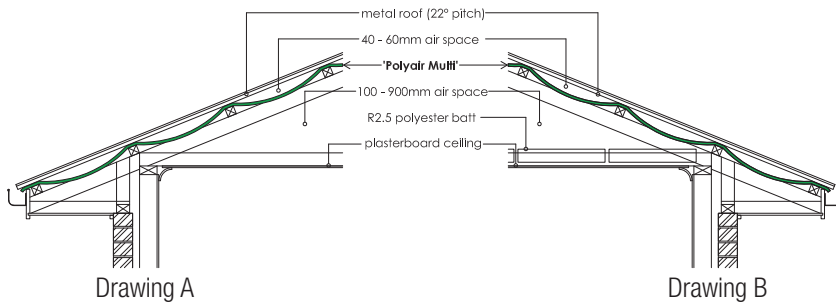


Water Proof

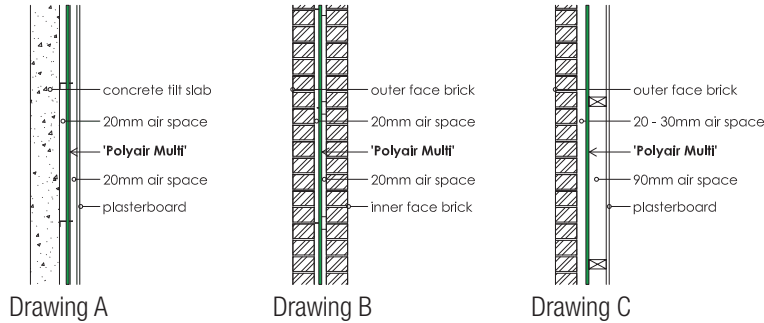
Commercial Metal Roof with Ceiling



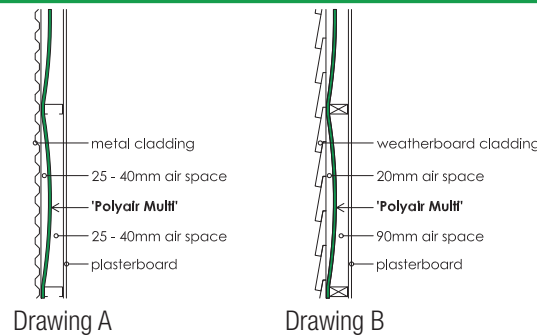
Residential Metal Roof with Ceiling



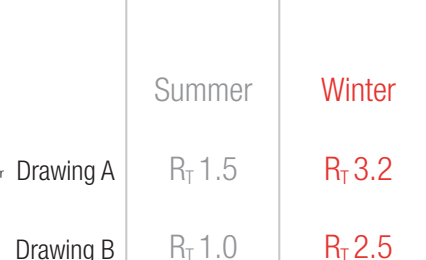
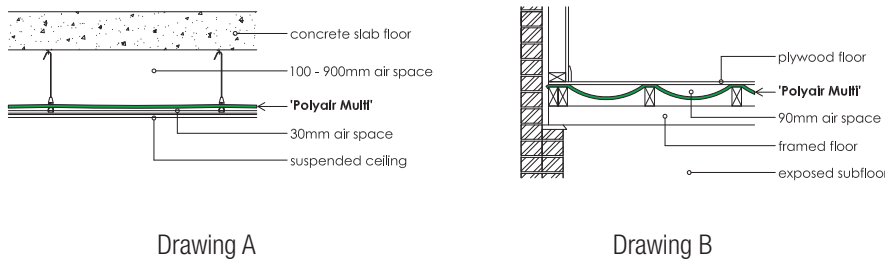
Masonry Walls



Lightweight Walls



Floors



DISTRIBUTED BY:

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 www.reflectiveinsulation.com.au



The contribution of this product to the Total R-Value depends on the installation and environmental conditions. The values shown are Total R-Values for the building system, calculated using Reflect 3 computer software validated by James M Fricker MIE Aust MAIRAH CPEng and are based on installed product service in accordance with AS/NZS 4859.1:2002. Verified by R&D Services Inc. Refer to the Polyair technical manual or website for further details.