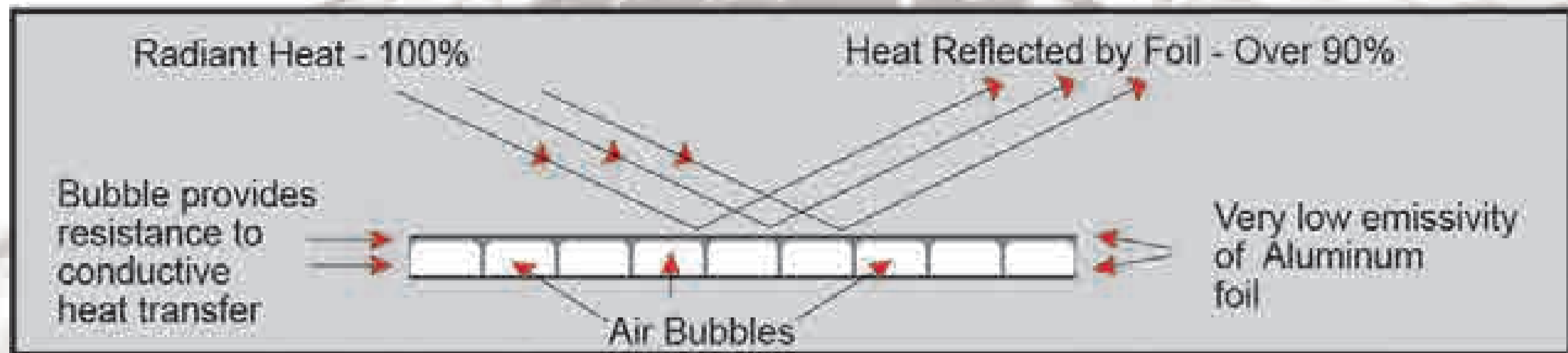




Bubble Foil Reflective Insulation

The Revolutionary Insulating Material That's Safe, Effective, Versatile And Easy To Install

McFoil Ultra reflective thermal Insulation is made up of two layers of aluminum foil laminated to polyethylene air bubble sheet. These bubbles form trapped air spaces between the foil surfaces to give the structure an excellent 'R' value.



Benefits of McFoil Ultra Reflective Insulation Material

- Reflects Over 90% of Radiant Heat
- Non-Toxic
- Fiber-Free
- Vapor Retarded
- Durable and Lightweight
- Environmentally Safe
- Maintenance Free
- Easy to Install
- Does Not Collapse or Disintegrate
- Not Affected by Humidity
- Class 1 Fire Rating
- Controls Condensation
- Prevent Mold and Mildew
- Does Not Promote Nesting
- Protective clothing is not required for installation

Some of the many uses of McFoil Ultra

- In Commercial Buildings
- In Industrial Buildings
- In Residential Buildings
- As Duct Wrap
- In Warehouses
- In Agricultural Buildings/Poultry Farms

Guidelines for all McFoil Ultra Installations

1. McFoil Ultra works best when there is at least 3mm air gap between the roofing material and the insulation.
2. McFoil Ultra should always be installed inside the structure.
3. McFoil Ultra will not cure existing problems. Leaking roofs, rot or mold situations or other moisture or structural problems should be corrected before installation.
4. Any deteriorated wiring should be replaced prior to installation of McFoil Ultra.
5. Always turn off all electricity in the area when installing McFoil Ultra.

BUBBLE FOIL REFLECTIVE INSULATION



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TECHNICAL DATA				
SPECIFICATION		VALUE	TEST METHOD	TEST INSTITUTION
Density (Kg/m ³)		98	ASTM D - 3574	ITI, Sri Lanka
Tensile Strength (N/mm ²)	Machine Direction	1.32	ISO 1798 : 1983	ITI, Sri Lanka
	Cross Direction	1.21	ISO 1798 : 1983	ITI, Sri Lanka
Elongation at Break (%)	Machine Direction	32	ISO 1798 : 1983	ITI, Sri Lanka
	Cross Direction	22	ISO 1798 : 1983	ITI, Sri Lanka
Tear Strength (N)		27	ISO 8067 : 1989	ITI, Sri Lanka
Dimensional Stability Under Heat (70°C, 48 h)	Length	No Change	ISO 2796 : 1988	ITI, Sri Lanka
	Width	No Change		
	Thickness	No Change		
Thermal Resistance (R Value) hr ft ² °F/Btu)		12.30	ASTM C-236 (C-1363)	Geoscience, USA
Surface Spread Of Flame		Class 1	BS 476:PART 7:1997	PSB Singapore
Water Absorption (Kg/m ²)		0.83	ASTM D 3575	ITI, Sri Lanka
Moisture Permeability (g/h.m ²)		0.2	ASTM E 96	ITI, Sri Lanka
Puncture Resistance (N)		135	ASTM D 4833	ITI, Sri Lanka
Reflectivity (%)		91.8	KSA 0066	FITI, Korea

McFoil Ultra is a revolutionary type of industrial, commercial and general purpose insulation material manufactured using state-of-the-art technology in design and manufacture. It has vapor barrier, air infiltration barrier and power insulation all in one.

It's a unique composite design consists of layer of Polythylene air bubble pockets, surrounded by a thin layer of reflective aluminium foil that is inorganic, water-resistance puncture-resistance, termite and fungus-resistance, non-allergic and inhospitable to nesting rodents.

McFoil Ultra is easy to install. It's thin, pliable, lightweight design specially suited for industrial & domestic thermal insulation applications. Mcfoil Ultra offers increased energy efficiency over traditional insulation products. It is safe and there are no protective masks, gloves or safety glasses required in installation.

Manufactured and Marketed by,
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BUBBLE FOIL REFLECTIVE INSULATION