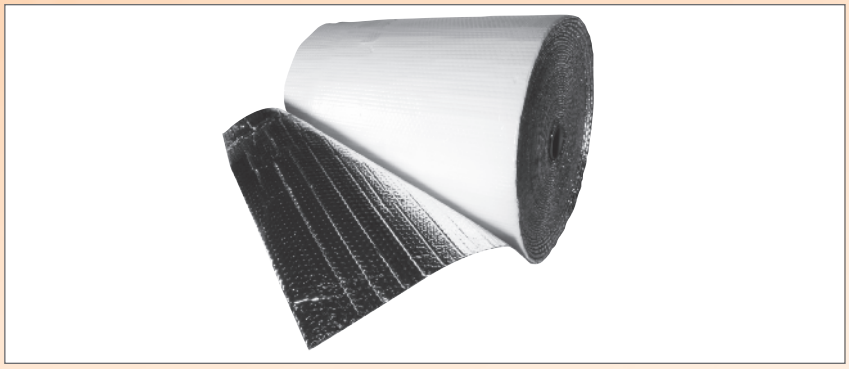
Metal Building Reflective Insulation



PRODUCT:

- Series 2520 Double Bubble Foil Insulation
- rFOIL™ Reflective Insulation is a Double Bubble layer of Polyethylene bubbles bonded to and sandwiched between a radiant barrier metalized foil and white polyethylene sheet
- rFOIL™ is specifically designed to control heat gain or loss, and to prevent interior condensation in all types of metal and metal-clad buildings
- rFOIL™ meets ASTM E84-09 Fire Test Class 1 / Class A testing
- Square edge, tab 1 side, tab 2 sides, QuickSeam adhesive strip
- Thickness: 5/16" (double)
- Available sizes:
  6' x 125'
  8' x 125'

FEATURES:

- Reflective metalized aluminum surface facing - lowers heating/cooling costs
- Blocks 97% of radiant heat transfer
- Multi-layer bubble core - does not retain moisture or mould, superior puncture resistance
- White interior facing option - easy to clean, safe, non-toxic and non-carcinogenic
- Practical Tab/Edge options - improves vapour-sealing efforts, UV-resistant
- QuickSeam (adhesive tape on tab) - various tab options ensure continuous vapour and condensation barrier

APPLICATIONS:

- Pre-engineered steel buildings, post frame / pole barns, agricultural buildings, residential metal roofs, mini-storage units and livestock confinement

NOTES:

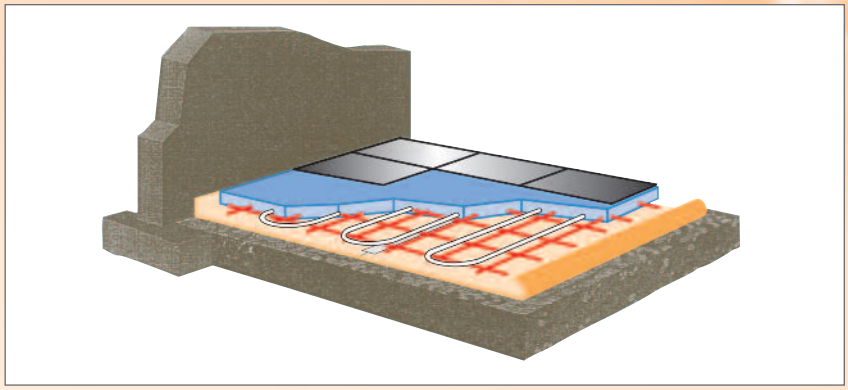
- **Cannot be used under concrete**
- **Install with white side facing down**

SPECIFICATION:

	DOUBLE	SINGLE
Nominal Thickness	5/16"	3/16"
Weight	0.78 oz/ft.^{2}	0.47 oz/ft.^{2}
Temperature Range (ASTM C411)	-50°F to 180°F (-45°C to 82°C)	
Flame Spread (ASTM E84-05)	5	5
Smoke Development (ASTM E84-05)	5	5
Fire Rating (ASTM E84-05)	Class 1/Class A	
Emissivity (ASTM C1371)	0.03 - 0.04	
Reflectivity (ASTM 3903)	0.96 - 0.97	
Water Vapour Permeance (ASTM E96, ONGC 51.33-M89)	<0.01 Perms	
Tensile & Elongation (ASTM D882)	Machine 69 lbs/sq. in (173%)	
Tensile & Elongation (ASTM D882)	Transverse 75 lbs/sq. in (194%)	
Linear Shrinkage	None	
Flexibility - CAN/CGSB-51.33 M89	No cracking	
Resistance to Fungi & Bacteria	Does not promote growth	

Reflective Insulation

Concrete Underpad Poly Barrier Foil Insulation



PRODUCT:

- Series 4320 Double Bubble Concrete Foil Insulation with clear poly on reverse side
- rFOIL™ Concrete Underpad is an outstanding Reflective Insulation and puncture-resistant Vapour Barrier
- rFOIL™ meets ASTM E84-09 Fire Test Class 1 / Class A testing.
- rFOIL™ Concrete Underpad provides exceptional thermal value and a strong, permanent Vapour and Radon Barrier (7 mil)
- Square edge, tab 1 side, tab 2 sides, Quick Seam adhesive strip
- Thickness: 5/16" (double)
- Available sizes:
  6' x 125'
- White Poly Tape, 2" x 150' Roll

FEATURES:

- Reflective metalized aluminum facing (installed face down) - redirects radiant heat energy back to living area and provides a faster reaction time for Radiant Floor heating
- Multi-layer 7 mil bubble core - provides a continuous Thermal Break below the slab, strong puncture resistance and tear strength. Outstanding Vapour and Radon Barrier will also insulate the edge-slab and outside of foundation
- Lightweight flexible materials - just unroll, overlap and tape the seams. Ideal for edge-slab insulation and expansion joints; easily folds up at perimeter footing

APPLICATIONS:

- Insulating under concrete slabs, beneath concrete over-pours, edge-slabs and expansion joints
- **Install with clear Poly side facing up**