



Mitee Foil™ - REFLECTIVE SB INSULATION

Product Description

Mitee Foil™ Reflective Single Bubble Insulation is a single layer of polyethylene bubbles, sandwiched between two highly reflective surfaces. This product has been specifically designed for insulating commercial and residential building assemblies, reducing the amount of radiant heat transfer.

Typical system R-values incorporating Mitex Reflective Insulation, range from R-6.1 to R-14.7, and all products in this line are Class 1/Class A in accordance with the ASTM E84 fire test standard. In addition to increasing the thermal resistance of a building envelope, all of Mitex bubble-core products are approved vapor barriers.



Features

- ◆ Class 1/ Class A Fire Rating
- ◆ 94% Reflectivity for optimal thermal performance
- ◆ Radiant barrier, and vapor barrier in one.
- ◆ Bubble core provides an effective thermal break
- ◆ Available in edges format.
- ◆ Unaffected by moisture & controls condensation

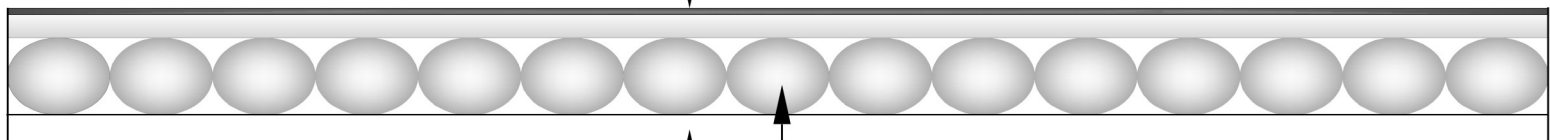
Applications

- ◆ Crawlspace
- ◆ Basement Insulation
- ◆ Residential Insulation

Roll Size / Edge Type

Part No.	R1R48X125SE	R1R48X125T2
Size	48"x125'	48"x125'
Edge	Square	Tab (2 sides)
Part No.	R1R48X125QS	R1R72X102QS
Size	48"x125'	72"x102'
Edge	Quick Seam	Quick Seam

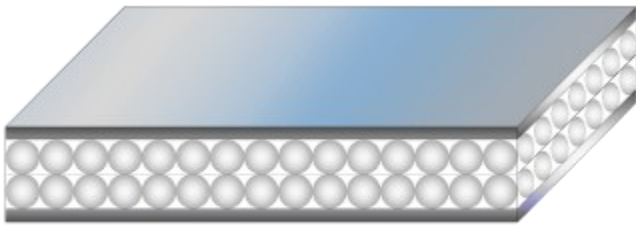
Reflective Surface



White Polyethylene

Bubble

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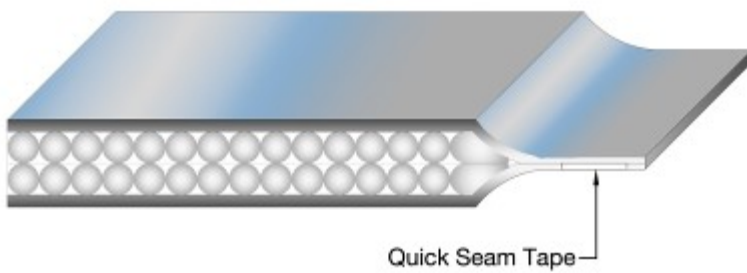
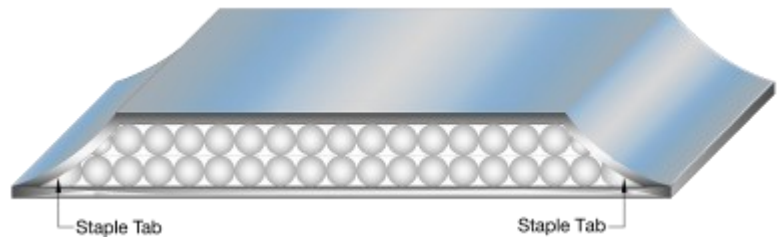


Square Edge:

- Rolls cut with square edges.
- Butt rows of insulation together.

Tab 2:

- Edges have 3/4" Staple tabs.
- Use for Between Joist applications.



Quick Seam:

- One edge has convenient adhesive strip, pre-applied.
- Overlap prior row.

PHYSICAL PROPERTIES	TEST	REFLECTIVE/SINGLE BUBBLE/ REFLECTIVE
NOMINAL THICKNESS	--	5/32"
WEIGHT	--	0.52 oz/sq. ft.
TEMPERATURE RANGE	ASTM C411	-50°F to 180°F
FIRE RATING	ASTM E84	CLASS 1 / CLASS A
THERMAL RESISTANCE (system)	ASTM C1224	R-14.7 (Heat Flow Down)
THERMAL RESISTANCE (system)	ASTM C1224	R-8.0 (Horizontal Heat Flow)
THERMAL RESISTANCE (system)	ASTM C1224	R-6.1 (Heat Flow Up)
EMISSIVITY	ASTM C1371	0.06
REFLECTIVITY	ASTM E 903	0.94
WATER VAPOR PERMEABILITY	ASTM E96 / CGSB 51.33-M89	Conforms Type I
RESISTANCE TO FUNGI & BACTERIA	ASTM C1338	DOES NOT PROMOTE GROWTH
BLEEDING & DELAMINATION	ASTM C 1224	NO BLEEDING OR DELAMINATION
PLIABILITY	ASTM C 1224	NO CRACKING OR DELAMINATION