



Mitee Foil™ - POLY-SB-REFLECTIVE INSULATION



Product Description

Mitee Foil™ Poly-Reflective Single Bubble Insulation is a single layer of polyethylene bubbles, sandwiched between a highly reflective surface, and a white polyethylene sheet. It is ideal for many residential and commercial building applications, including walls and ceilings.

Adding Reflective Insulation to your construction project improves the insulation value of the building envelope, and significantly increases its energy efficiency. All products in this line are classified as Class 1/Class A in accordance with the ASTM-E84 fire test standard; These products also pass the NFPA 286 Full Room Burn Test. UV inhibitors help provide a du-

Features

- ◆ Class 1/Class A Fire Rating
- ◆ 94% Reflectivity for optimal thermal performance
- ◆ Passes the NFPA 286 full room burn test
- ◆ Radiant and vapor barrier all-in-one
- ◆ Neat, UV resistant, washable finish.
- ◆ Resistant to Bird and Rodent infestation

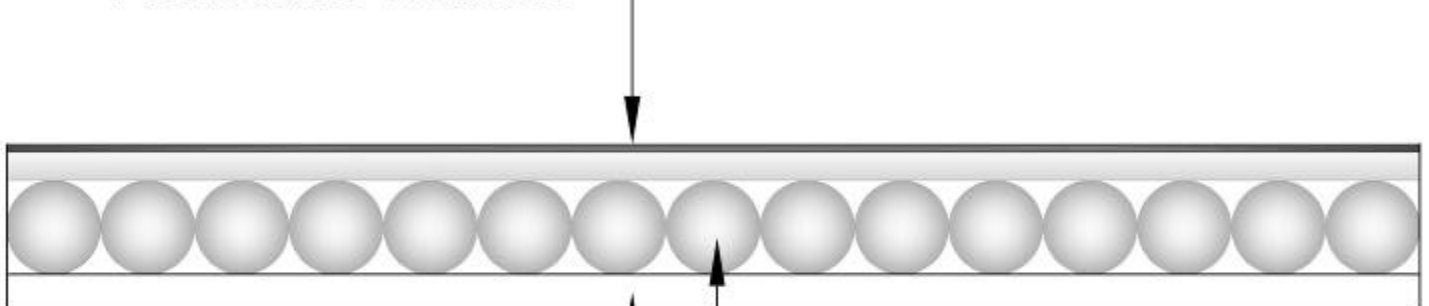
Applications

- ◆ Metal Buildings (roof, walls)
- ◆ Residential Wall Cavities
- ◆ Post Frame Buildings

Roll Size / Edge Type

Size	48"X125'
Part No.	W1R48X125SE (Square) W1R48X125T2 (2 Tab) W1R48X125QS (Quick Seam)
Size	72"X102'
Part No.	W1R72X102T2 (2 Tab) W1R72X102QS (Quick Seam)
Size	72"X125'
Part No.	W1R72X125SE (Square)

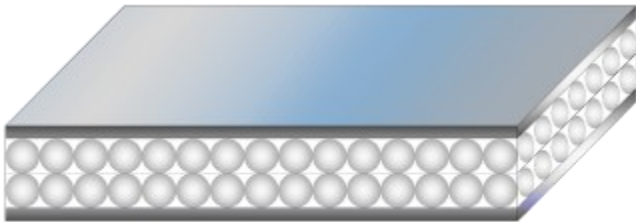
Reflective Surface



White Polyethylene

Bubble

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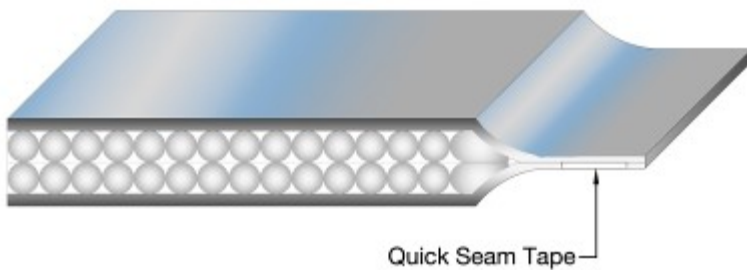
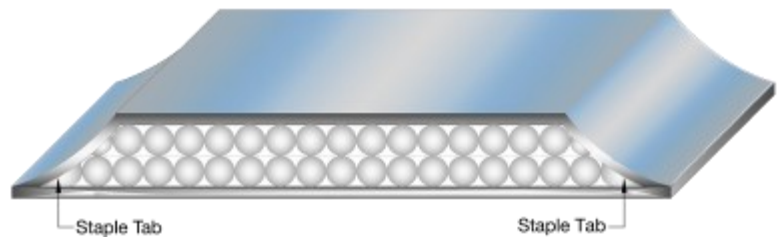


Square Edge:

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

Tab 2:

- Edges have 3/4" Staple tabs.



Quick Seam:

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

PHYSICAL PROPERTIES	TEST METHODS	RESULTS
NOMINAL THICKNESS	--	5/32"
WEIGHT	--	.49 oz/sq. ft.
TEMPERATURE RANGE	ASTM C411	-50°F to 180°F
FIRE RATING – Surface Burn	ASTM E84	CLASS 1 / CLASS A
FIRE RATING – Full Room Burn	NFPA 286	PASS (2003 IBC 803.2.1)
THERMAL RESISTANCE – 3.5" cavity	ASTM C1224	R-6.1 (Up), R-8.0 (Horiz), R-14.7 (down)
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