

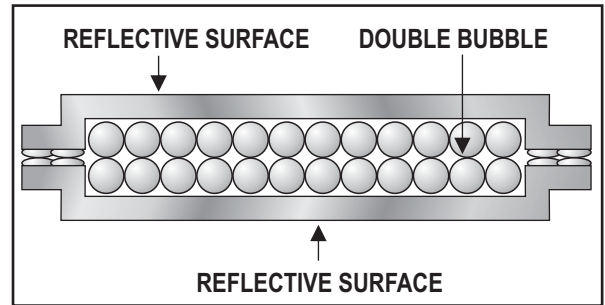
## BETWEEN JOIST INSULATION

TECHNICAL DATA

### Product Description:

rFOIL™ Between-Joist reflective insulation consists of a double layer of polyethylene bubbles sandwiched between two highly reflective surfaces. This product has been specifically designed for insulating residential wall and ceiling assemblies; tabbed edges help to ensure the product is installed quickly and correctly, every time.

Adding rFOIL™ reflective insulation to your construction project improves the insulation value of the building envelope and significantly increases it's energy efficiency. As well, all products in this line are classified as Class 1/Class A in accordance with the ASTM-E84-09 fire test standard. The product was mounted in accordance to ASTM-E2599-08.



### Stock Sizes Available (Rolls):

Size	<b>16" X 75'</b>	<b>24" X 75'</b>	<b>16" X 125'</b>	<b>18" X 125'</b>	<b>24" X 125'</b>
Part No.	2222-16-075	2222-24-075	2222-16-125	2222-18-125	2222-24-125

### Features:

- Class 1/Class A Fire Rating
- Unaffected by moisture & humidity
- Double bubble provides an effective thermal break
- 96% Reflectivity for optimal thermal performance
- Radiant barrier and vapor barrier all-in-one
- Tab-Two edge format allows for quick installation

### Applications:

- Crawlspace
- Basement
- Residential Walls
- Cathedral Ceiling
- Radiant Heating Between Joists

Physical Properties	Test	Value
NOMINAL THICKNESS	—	5/16"
WEIGHT	—	1.25 oz / sq. ft.
TEMPERATURE RANGE	ASTM C411	-50°F to 180°F
FIRE RATING	ASTM E84-09	CLASS 1 / CLASS A
THERMAL RESISTANCE (SYSTEM)	ASTM C1224 (3.5" cavity)	R-15.2 (Heat Flow Down)
		R-8.5 (Horizontal Heat Flow)
EMISSIVITY	ASTM C1371	0.04
REFLECTIVITY	ASTM E903	0.96
WATER VAPOR PERMEABILITY	ASTM E96	<0.02 Perms
RESISTANCE TO FUNGI & BACTERIA	ASTM C1338	DOES NOT PROMOTE GROWTH
FIRE RATING - FULL ROOM BURN	NFPA 286	PASSES

Verified by



### PATENTS

US Patent No.: 8,221,871  
US Patent No.: 8,327,601  
US Patent No.: 8,343,614

US Patent No.: 7,935,410  
US Patent No.: 7,935,411

CDN Patent No.: 2,554,754  
CDN Patent No.: 2,591,589



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