



## METAL & POST FRAME BUILDING INSULATION

### 2200 SERIES

#### R-10 CEILING



#### R-6.0 WALLS



#### rFOIL® Benefits:

- Blocks 96% of Radiant Heat Transfer
- Prevents Interior Condensation
- Class 1 / Class A Fire-Rated (ASTM E84)
- Puncture and Tear-Resistant
- Unaffected by Humidity
- Will not Promote Mold and Mildew
- Safe, Non-Toxic, and Non-Carcinogenic
- Easy to Handle and Install
- Various Tab Options

#### rFOIL® Applications:

- Pre-Engineered Steel Buildings
- Post Frame / Pole Barns
- Agricultural Buildings
- Residential Metal Roofs
- Mini Storage
- Livestock Confinement



rFOIL® reflective Insulation is a layer of polyethylene bubbles bonded to and sandwiched between two radiant barrier metalized film surface sheets.

rFOIL® is specially designed to reduce radiant heat gain/loss in all residential and commercial applications. rFOIL® also helps control condensation by providing an airtight thermal break while reducing the amount of heat transfer.

Adding rFOIL® Reflective Bubble Insulation to your construction project improves the insulation value of the building envelope and significantly increases its energy efficiency.



# METAL & POST FRAME BUILDING INSULATION

(2200 Series)

## Reflective Metalized Surface Facing

- Reduces radiant heat gain and loss
- Blocks 96% of radiant heat transfer
- Saves energy use
- Lowers heating / cooling costs
- Improves interior comfort

## Multi-Layer Bubble Core

- Provides continuous thermal break
- Lowers risk of interior surface condensation
- Durable and long-lasting
- Superior puncture, tensile, and tear strength
- Will not absorb water or vapor
- Does not harbor moisture or mold
- Clean, safe, no-itch material

## Practical Tab/Edge Options

- Various options for all metal building applications
- Simplifies installations
- Improves vapor-sealing efforts

## Quick Seam (Adhesive Tape on Tab)

- Saves time and labor
- Ensures a continuous vapor and condensation barrier
- Simplifies and speeds installation

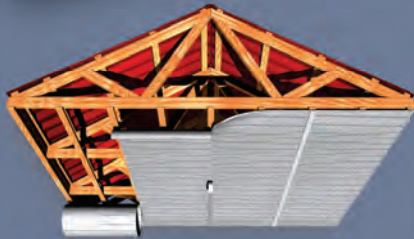
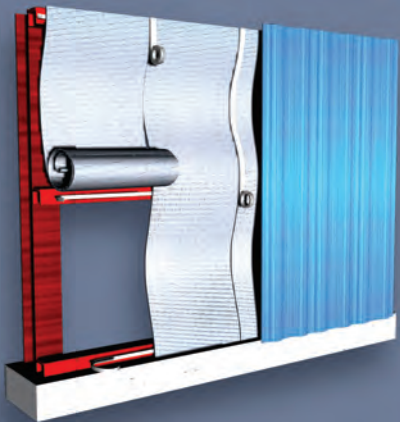
## PRODUCT SIZES

- Width: 12", 16", 18", 24", 48" and 72"
- Length: 102' and 125'

## PRODUCT OPTIONS

- Single or Double Bubble
- Square Edge, Tab 1 Side, Tab 2 Sides, Quick Seam Adhesive Strip

## PRODUCT SPECIFICATIONS



PHYSICAL PROPERTIES	TEST	2220 SERIES (Double)	2210 SERIES (Single)
NOMINAL THICKNESS	—	5/16"	3/16"
FIRE RATING	ASTM E84-08 / ASTM E2599-08	CLASS 1 / CLASS A	
	ASTM E84-08	FLAME SPREAD=0 SMOKE DEVELOP=20	FLAME SPREAD=0 SMOKE DEVELOP=20
FIRE RATING - FULL ROOM BURN	NFPA 286	PASSES	
EMISSIVITY	ASTM C1371-04A	0.04	
REFLECTIVITY	ASTM E903	0.96	
WATER VAPOR PERMEABILITY	ASTM E96	0.02 Perms	0.04 Perms
RESISTANCE TO FUNGI and	ASTM C1149	DOES NOT PROMOTE GROWTH	
PLIABILITY	ASTM C1224-03	NO CRACKING	
BLEEDING and DELAMINATION	ASTM C1224-03	NO BLEEDING or DELAMINATION	
CORROSIVENESS	ASTM D3310-00	PASSES	

Warranty, Specific Applications, and Installation Guides can be found at [www.rfoil.com](http://www.rfoil.com)

