

Solutions for Insulating Metal Buildings

Product Description.

The HIGH-R® Radiant Insulation Solution includes a single or double layer of polyethylene bubbles, sandwiched between a highly reflective surface and a white polyethylene sheet, and the new radiant purlin clip, patent pending. It is ideal for many residential and commercial building applications, including walls and ceilings.

Adding HIGH-R Radiant Insulation to your construction project improves the insulation value of the building envelope (R-15 for ceilings and R-8.5 for walls), and significantly increases its energy efficiency. Also, 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 HFPA286 Full Room, Burn test. UV inhibitors help provide a durable and lasting finish.

Stock Sizes Available.

Size	Part Number
48" x 125'	2520-48-125-HRR
72" x 102'	2520-72-102-HRR
72" x 125'	2520-72-125-HRR

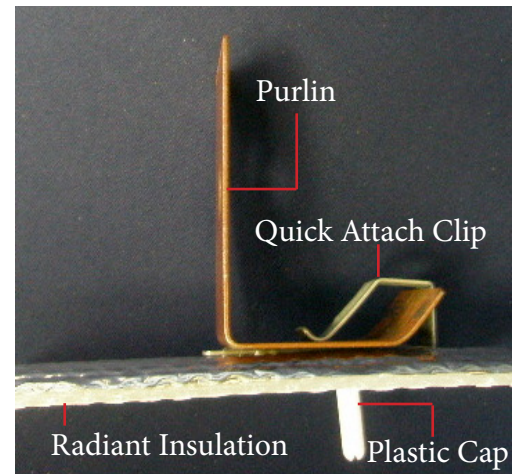
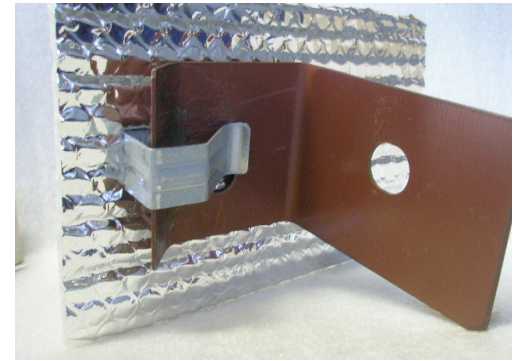
Applications.

- Metal Buildings (walls, ceilings)
- Post Frame Buildings

Features.

- Class 1 / Class A Fire Rating
- Available in Square Edge, Quick Seam or Tab Two
- Improved consistent thermal protection
- Brighter Interior
- Approved Flame Spread/ Smoke Development Ratings
- Outstanding acoustical properties
- Neat, white, UV resistant, washable finish
- Cleanable surface

HIGH-R® Radiant Double Bubble Solution



Physical Properties	Test	Value
Nominal Thickness	--	5/16"
Fire Rating	ASTM E84-09	CLASS 1 / CLASS A
Emissivity	ASTM C1371-04A	0.057
Reflectivity	ASTM E903	0.943
Water Vapor Permeability	ASTM E96	0.42 Perms
Resistance to Fungi & Bacteria	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	Pass
UV Testing	ASTM G155	90+% Retained Retention after 4,000 hrs

2335 230th Street, Ames, IA 50014
 888-595-2763
info@high-r.com | www.high-r.com

