



Radiant Barrier - Breathable

LOW-E METALLIZED SCRIM - PERFORATED

Technical Data Sheet

Polyethylene scrim laminated to Low E top-coated metallized PET film on both sides and perforated, for use in humid climates

Properties	Typical Value	Test
Fire Rating	Class A / Class 1	UL 723, NFPA 255, UBC 8-1
	Flame Spread Index = 0 Smoke Developed Index = 1.6	ASTM E84-24
R Value – Ceiling Application	14.4 ft ² ·h·°F/BTU 2.5 m ² ·K/W	Calculated*
R Value – Wall Application	8.1 ft ² ·h·°F/BTU 1.4 m ² ·K/W	Calculated**
Emissivity (Side 1 / Side 2)	0.04 / 0.04	ASTM C1371
Tearing Force	80.8 N (MD) 79.0 N (TD)	ASTM D2261
Bleeding and Delamination	No Bleeding or Delamination	ASTM C1313/C1313M
Pliability	No cracking or delamination	ASTM C1313/C1313M
Corrosivity	Pass	ASTM D3310
Water Vapour Transmission	1.6 g/h·m ²	ASTM E96
Fungi Resistance	Pass	ASTM C1338

*Based on 50 mm air gap on either side of Radiant Barrier product in ceiling.

**Based on 30 mm air gap on either side of Radiant Barrier product in wall.

R values calculations performed by Jubail Industrial College, Royal Commission for Jubail and Yanbu, Kingdom of Saudi Arabia.

The information and opinions herein are believed to be true and accurate and presented without guarantee or responsibility on our part. No recommendation for use of our product is intended as a patent infringement. No warranty of any kind with respect to patents held by others is implied or intended.