



# AFCAT

## PRO SHIELD REFLECTIVE INSULATION

### TECHNICAL DATASHEET

#### USES

- Metal Building
- Post Frame Building
- Mini Storage
- Agricultural Building
- Livestock

#### INSTALL INSTRUCTIONS & NOTES

NOT for outdoor use

Do not expose to temperatures in excess of 180°F

Use caution when using around electrical wiring



#### BENEFITS

**Superior Strength**

**Class 1/A Fire Rating**

**Vapor Barrier**

**95% Reflectivity**

**Contains UV Inhibitors**

**Easy to Install & Maintain**

**Birds Cannot Nest or Puncture**

**Can Be Power Washed**



SQUARE EDGE

#### Available in:

48" x 125'

72" x 125'

#### WARRANTY AND SHELF LIFE

AFCAT Group Inc. warrants this product for ten years from date of purchase and that product shall meet its specifications and be free of defects in workmanship.

See [afcatusa.com](http://afcatusa.com) for full warranty.

#### PHYSICAL PROPERTIES

Emittance / Product / Metalized Film	ASTM C1371 / 0.057 / 0.033
Water Vapor Transmission (Perm)	ASTM E96 / 0.050
Temperature & Humidity Resistance	ASTM C1258 / PASS
Water Vapor Transmission (perm) (after C1258)	ASTM E96 / 0.059
Adhesive Performance - Bleeding & Delamination	ASTM C1224 / PASS
Adhesive Performance - Pliability	ASTM C1224 / PASS
Fungi Resistance / White Side / Metal Side	ASTM C1338 / PASS / PASS
Surface Burning Characteristics	ASTM E84
Flame Spread Index / Smoke Developed Index	PASS / PASS
Tensile Strength * (lb / in <sup>2</sup> )	ASTM D882*
Machine Direction / Cross Machine Direction	618.1 / 403.8
Penetration Resistance *	ASTM F1306*
Penetration Load (lb) / Energy at Penetration (lb in)	10.2 / 1.37



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