

ASTRO-WHITE

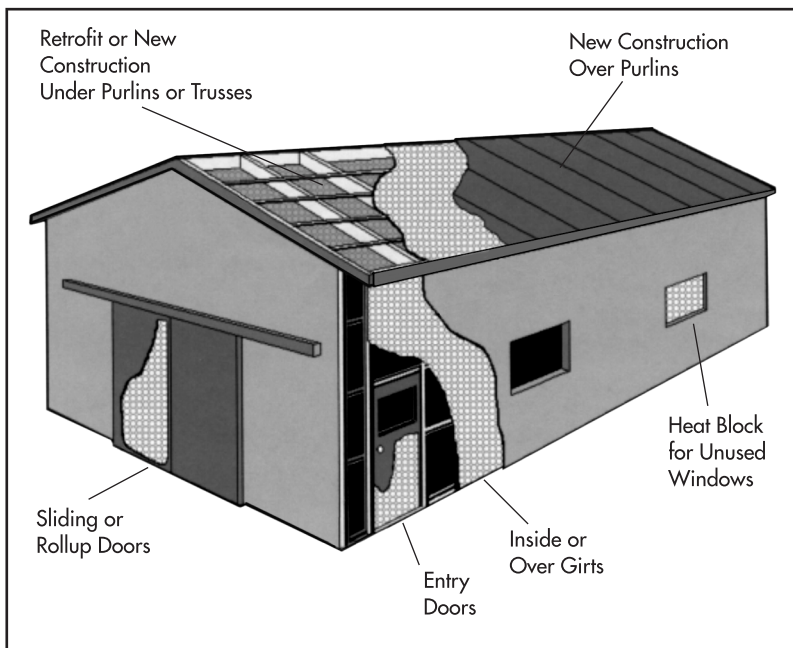
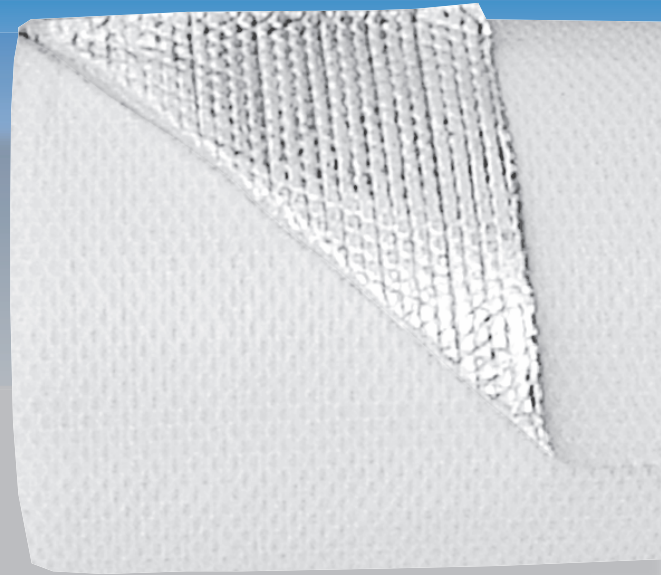
White-Faced Reflective Insulation

ASTRO-WHITE 1

White•Bubble•Foil

ASTRO-WHITE 2

White•Bubble•Bubble•Foil



- Reduces Building Condensation
- Install With White or Foil Face Exposed to the Interior
- Forms An Effective Wind and Vapor Barrier
- Reduces Heat Loss in Winter, Heat Gain in Summer
- Not Effected By Moisture and Humidity
- No Special Handling or Breathing Protection Required
- Bird, Rodent and Insect Resistant

YOUR ORDER WILL SHIP WITHIN 24 HOURS

ANOTHER GOOD IDEA FROM


ASTRO-FOIL[®]
Reflective Insulation

i.e. INNOVATIVE ENERGY, INC.

800-776-3645

www.insul.net ie@insul.net

ASTRO-WHITE 1 & ASTRO-WHITE 2

Performance Specifications

For use in:

Agricultural and commercial buildings including metal structures.

For use as:

- 1 A condensation barrier in heated or unheated commercial buildings used for warehousing, poultry and animal confinement.
- 2 A radiant barrier in unheated commercial buildings used for warehouse and animal confinement.
- 3 As a "white" facing for ceiling applications in commercial buildings...an excellent alternative to white vinyl-faced fiberglass batts.

Construction:

99% Pure Polished Aluminum Foil 0.00025 inch.

Polyethylene White Bubble, 3/16 inch (ASTRO-WHITE 1), 5/16 inch (ASTRO-WHITE 2)

Properties:

Total Weight: Nominal	ASTRO-WHITE 1: 50 lbs. MSF
Flame Spread Index: ASTM E-84 ¹	ASTRO-WHITE 2: 70 lbs. MSF
Smoke Developed Index: ASTM E-84 ¹	(NFPA Class A-UBC Class 1) - 0
FMV Safety Standard 302	(NFPA Class A-UBC Class 1) - 10
Puncture Resistance: ASTM F-1306	Specimen stops burning before 60 sec.
Emissivity: ASTM E-408	79.71 PSI
Reflectivity: ASTM E-408	3%
R-Value ² : ASTM C-236 ²	97%
	9.2 Downward (ASTRO-WHITE 1)
	9.7 Downward (ASTRO-WHITE 2)
	3.9 Horizontal (ASTRO-WHITE 1)
	4.4 Horizontal (ASTRO-WHITE 2)
Water Vapor Transmission: ASTM E-96	0.004
Melting Point	250°F
Operating Temperature Range	-60°F to 180°F

Note: These specifications are based on engineering models and will vary from installation to installation.

¹ ASTRO-WHITE 1 only.

² Calculated for installation in a 3.5" wall or ceiling cavity.



ASTRO-FOIL is a registered trademark of Pactiv Corp.

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