

ASTRO SHIELDTM WHITE

REFLECTIVE INSULATION

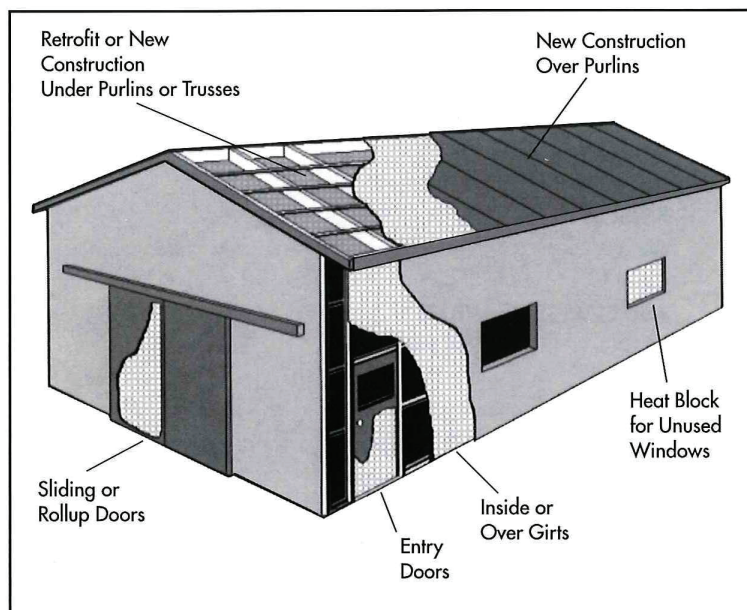
White-Faced Reflective Insulation

ASTROSHIELD WHITE I

White bubble - MPET

ASTROSHIELD WHITE II

White Bubble / White Bubble / MPET



- *Reduces Building Condensation*
- *Install With White or Reflective Face Exposed to the Interior*
- *Forms An Effective 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*
- *Not Appropriate for Open Sided Buildings*

ANOTHER GOOD IDEA FROM



INNOVATIVE ENERGY, INC.
Reflective **Insulation** Radiant **Barriers** Insulated **Packaging**

800-776-3645

www.insul.net • info@insul.net

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...and excellent alternative to white vinyl-faced fiberglass batts.

Construction:

95% Reflective MPET CICM.

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

Properties:

Total Weight: Nominal	ASTRO-WHITE I: 34LBS MSF ASTRO-WHITE II: 60LBS MSF
Flame Spread Index: ASTM E-84	ASTRO-WHITE I: 0 ASTRO-WHITE II: 0
Smoke Index: ASTM E-84	ASTRO-WHITE I: 20 ASTRO-WHITE II: 25 Class A Class 1
Puncture Resistance: ASTM F-1306	ASTRO-WHITE I: 78 PSI ASTRO-WHITE II: 238 PSI
Emissivity: ASTM E-408	5%
Reflectivity: ASTM E-408	95%
R-Value: ASTM C-236	ASTRO-WHITE I: Downward 5.5 ASTRO-WHITE II: Downward 6 ASTRO-WHITE I: Horizontal 4.5 ASTRO-WHITE II: Horizontal 5
Water Vapor Transmission: ASTM E-96	.008
Melting Point	250°F
Operating Temperature Range	-60°F to 180°F



INNOVATIVE ENERGY, INC
Reflective Insulation Radiant Barriers Insulated Packaging

800-776-3645

www.insul.net • info@insul.net