

Astro-White 1 & Astro-White 2

Product 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 batt.

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:

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| Total Weight: Nominal | ASTRO-WHITE 1: 50 lbs. MSF ASTRO-WHITE 2: 70 lbs. MSF |
| Flame Spread Index: ASTM E-84 ¹ | (NFPA Class A-UBC Class 1) - 0 |
| Smoke Developed Index: ASTM E-84 ¹ | (NFPA Class A-UBC Class 1) - 10 |
| FMV Safety Standard 302 | Specimen stops burning before 60 sec. |
| Puncture Resistance: ASTM F-1306 | 79.71 PSI |
| Emissivity: ASTM E-408 | 3% |
| Reflectivity: ASTM E-408 | 97% |
| R-Value ² : ASTM C-236 ² | 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.