



AMERA SHIELD™

The American-Engineered Reflective Foam Insulation.

Built with a highly-reflective metallized exterior film and a sleek white woven polypropylene interior, Amaera Shield™ delivers powerful radiant-heat control, full moisture management, and jobsite-ready durability — all backed by MWI's fast lead times.



800-360-6467



mwicomponents.com



Spencer, IA

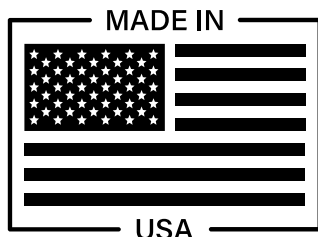
Why Amaera Shield™?

Traditional insulation only slows conduction and convection — it does nothing to stop radiant heat, which the U.S. Department of Energy identifies as the main contributor of the three major forms of heat transfer in homes. This is why structures insulated with fiberglass or cellulose still experience significant heat gain from the roof. DOE further confirms that radiant-barrier materials can reflect up to 97% of radiant energy, making them uniquely effective compared to standard insulation.

Amaera Shield™ solves this problem.

Why Builders Choose Amaera Shield™

- Reflects up to 97% of radiant heat
- Prevents condensation
- Non-absorbent and mold-resistant
- Foam core won't sag or degrade
- Clean white interior finish
- Lightweight and fast to install
- Easier installation for high wind areas



This product is currently undergoing testing and verification. All features, specifications, and performance claims are subject to modification without notice pending completion of the evaluation process.



Available Sizes

50" x 125'	74" x 125'
Part #: SF50125	Part #: SF74125
16" Roll Diameter	16" Roll Diameter

Optional no tab & tape available.

How does Amaera Shield™ work?

Reflective Aluminum Top Layer

- Reflects up to 97% of solar and radiant energy
- Reduces heat transfer into the building
- Outperforms fiberglass and foam insulation against radiant heat

Polyethylene Foam Core

- Keeps interior warmer than the dew point to reduce condensation
- Prevents warm, moist air from contacting cold metal panels
- Maintains shape and effectiveness over time
- Non-absorbent, non-fungal, and resistant to bacterial growth

Tough White Woven Poly Interior

- Durable, tear-resistant liner
- Provides a bright, clean interior
- Ideal for shops, barns, garages, and metal buildings

Because your builds deserve American-grade protection.