



# The Benefits of the Solaro Shield

Insulation Enhancement Product



The Solaro Shield™ Insulation Enhancement product should be able to quality for a tax credit starting in 2023, we are waiting for additional details of the program. The new program is called: Inflation Reduction Act of 2022



Solaro Shield™ Insulation Enhancement product offers a 10 Year Warranty that is the strongest in the industry. Product must be installed according to manufacturer recommendations. See product warranty for additional details.



The Solaro Shield™ Insulation Enhancement product will keep the heat out and the cool in.



Built to be dependable. The Solaro Shield™ is designed to provide a lifetime of energy saving service.



Shields out heat during the hot summer months. And is ventilated to remove moisture that can cause mold and mildew in the winter.

### AMERICAN MADE

PRODUCTS DESIGNED
AND MANUFACTURED IN
AMERICA BY AMERICANS





www.SolaroEnergy.com

## **Solaro Energy**

22955 McAuliffe Dr., Suite A Robertsdale, AL 36567



# Solaro Shield

## **Blown Insulation**



Solaro products can be used for new construction as well as retrofit in a variety of applications, such as residential, commercial, horse, dairy or livestock building. As well as for finished walls, building insulation, condensation control, and as a thermal break and vapor barrier.

#### Features & Benefits SOLARO SHIELD

- Reflects up to 98% of IR (Infrared Rays)
- Nontoxic Shredded Insulation
- Durable Construction and Long-Lasting Toughness
- · Permeability Functions
- · Easy Installation with a Leaf Blower
- · Insulation Improves Energy Savings by Improving Ventilation Systems Effectiveness
- Increase System Thermal Performance
- · Use in Retrofit or New Construction
- Easy to Move Around Existing Duct Work and Other Structural Elements
- · Recycled Product from Trimming. Colors May Vary
- Radiant Barrier Technology





For more information, please call us toll free at 1-888-355-5786





Solaro Multi-Layer Reflective Insulation (MRI) is engineered to increase energy efficiency, provide a clean finished appearance, and simplify installation for all residential, post frame, light-gauge steel, transportation and commercial insulation applications.

The core of the product is made of a proprietary flexible foam layer designed especially by Solaro that provides excellent reflectiveness and insulation characteristics. The core is 3/8" thick, providing additional insulation value and durability. In addition, the multiple facing combinations are thermally bonded in a unique process that provides a long term, quality finish to every insulation piece.

#### **Product Specifications**

- · High Quality Aluminum Layer
- · Reflects up to 98% of IR (Infrared Rays)

Anti-Oxidation Shield Vacuum Metalized Reflective Surface Pure Aluminum Malleable Polyethylene Substrate Heat Activated Substrate Adhesive

Polymer Foam Core with Infrared

Heat Activated Substrate Adhesive

Malleable Polyethylene Substrate Vacuum Metalized Reflective Surface

Anti-Oxidation Shield





## Solaro Shield

Solaro insulation is an improved highly reflective, multi-layer, insulation sheet. Developed at New Mexico Tech University and designed as roll-able attic sheets. Then shredded to be blown with a leaf blower in the hard to reach places and existing structures in an attic. The design uses aluminum based thin films for low emissions of mid-range infrared radiant form of heat, avoids misuses of plastics and instead specially tailors properties - infrared/opaque where desirable instead of undesirable, and includes novel/unique possibilities such as the use of phase change materials (PCMs).

