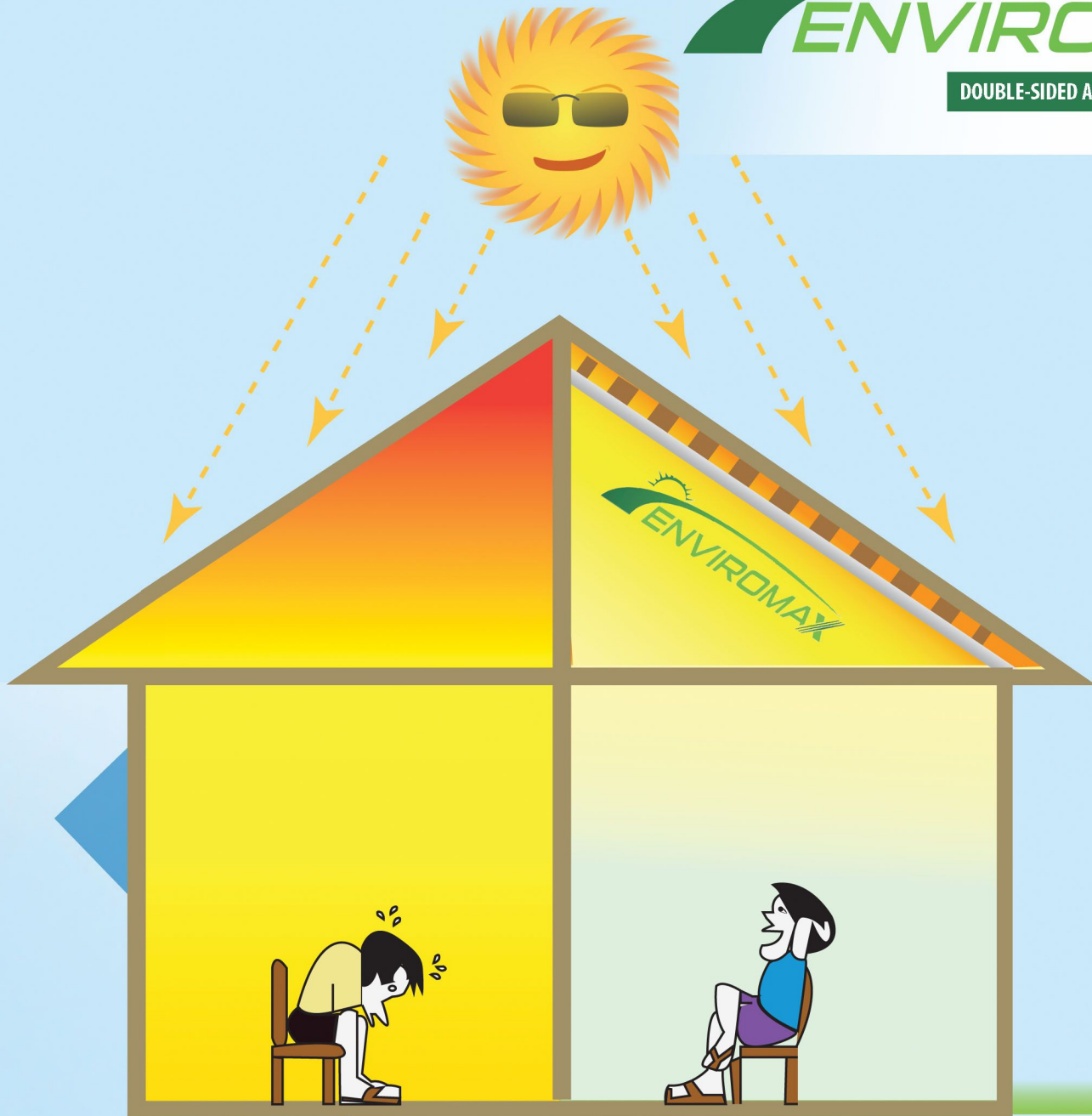




DOUBLE-SIDED ALUMINUM HEAT BARRIER



- ▶ Lowers electricity bills
- ▶ Increases comfort in your homes and buildings
- ▶ Lightweight
- ▶ Durable
- ▶ And easy to install

LB JONSON
COMMERCIAL & DISTRIBUTION, INC.

SPECIFICATION

Environmax Radiant Barrier is a double sided reflective foil made up of five layers of high-grade materials, specially designed to provide durability and exception radiant performance.

The layers are joined by our thermoplastic adhesive, solabond. Our carefully formulated adhesive is applied between the aluminum foils and a high Density Polyethylene Woven Fabric (HDPE). Our fabric is finely meshed, ensuring a tear resistant and efficient radiant material.

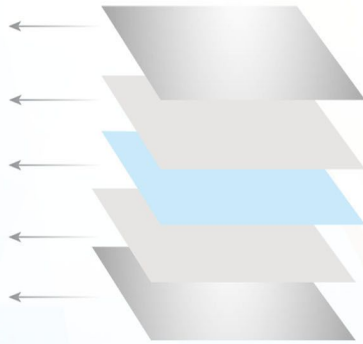
Metalized Film or Aluminum Foil
(reflects heat of the sun)

Solabond® thermoplastic adhesive

High Density Polyethylene Woven Fabric
(for additional strength and durability)

Solabond® thermoplastic adhesive

Metalized Film or Aluminum Foil
(reflects heat of the sun)



INSTALLATION

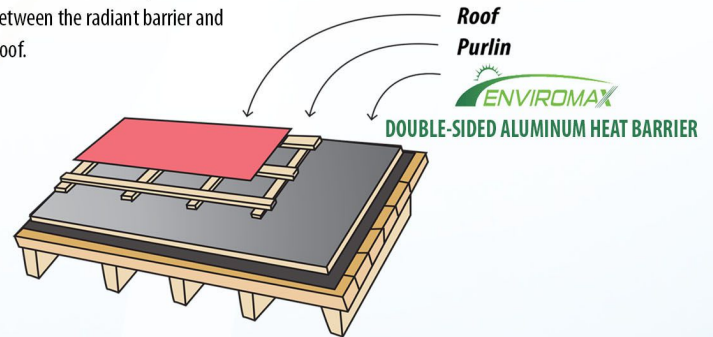
Some roof systems such as clay tile or slate roofs, metal shingle roofs & some standing seam metal roofs already come with air space where radiant barrier can work. Roofs that have structurally no air space can use a batten system in order for a radiant barrier to be effective. The minimum required air gap is 2 inches. For a general easy installation guide refer to the information below.

You simply...

ROLL Environmax on top of a roof layer perpendicular to a wood batten or metal purlins. The batten or purlin will allow the required air gap between the radiant barrier and your roof.

CUT to desired length. Then overlap the edges. Distance between edges should be 50mm.

SEAL these edges with the help of our Environmax Duct Tape



PRODUCT TYPE

A2

Pure Aluminum foil + Pure Aluminum foil

Five layers laminate made up of a double sided pure aluminum foil, joint by Solaband adhesive and strengthened with a high density polyethylene woven fabric. Ideal for industries where fire retardant properties are prioritized.

M2

Metalized Film + Metalized Film

Five layers laminate made up of metalized films on both sides, the films are joint by Solaband adhesive and strengthened with a high density polyethylene woven fabric. The material is non-fire retardant.

SPECIFICATION

Dimension: 1.25 x 60m
 HDPE Weight: 140-165 GSM
 Thickness: 0.155mm
 Heat Reflectivity: 97%
 Emissivity: 0.03
 Water Vapor Transmission: 0.015g/m2kpa
 Tensile Strength (MD): 13.23 Mpa
 Tensil Strength (TD): 13.98 Mpa
 Temperature Range: up to 80°C
 Certificate: SGS

APPLICATION



RESIDENTIAL BUILDING

Experience year round utility savings when you install Environmax Radiant Barrier in your homes and commercial buildings. Our top of the line radiant barrier, reflects 97% of radiated sun heat, thereby reducing your ventilation load.



POULTRY HOUSE PROJECT

Create a favorable environment for your livestock with Environmax Radiant Barrier. It blocks 97% of sun heat, making sure your animals won't suffer from heat stress. No heat stress means your animals grow faster and bigger.



WAREHOUSE PROJECT



COMMERCIAL BUILDING