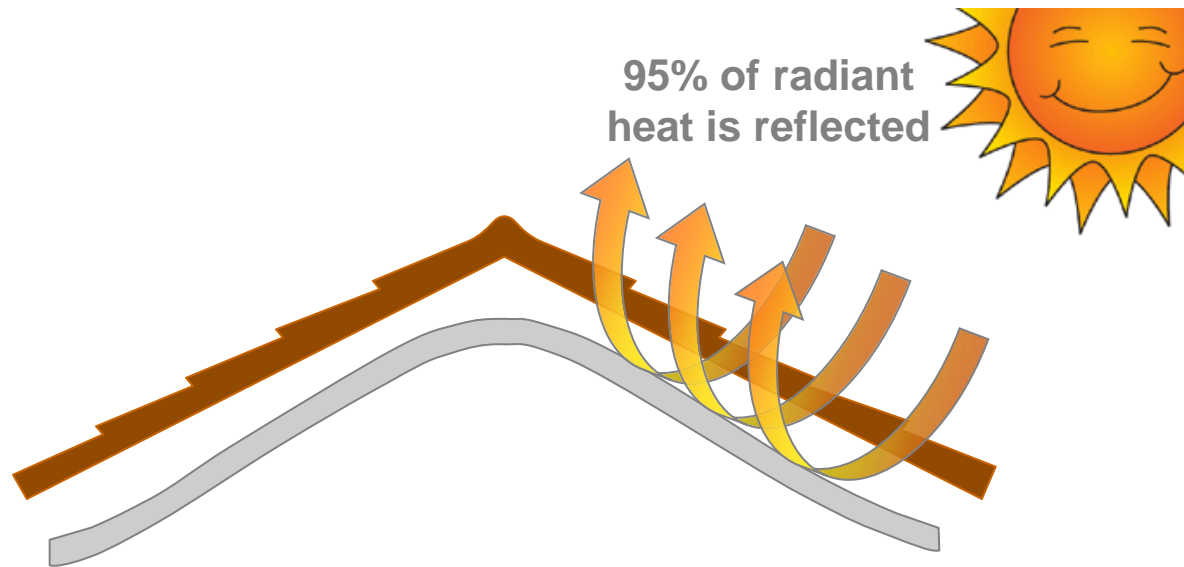


How Do Radiant Heat Barriers Work?

1. The Aluminium Surface has High Reflectivity

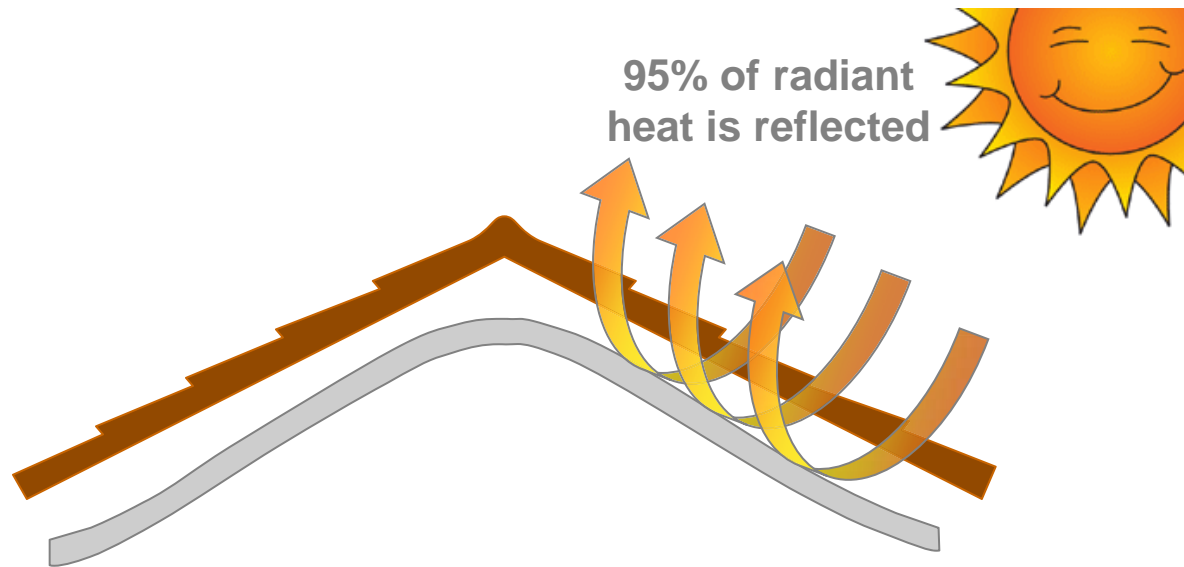
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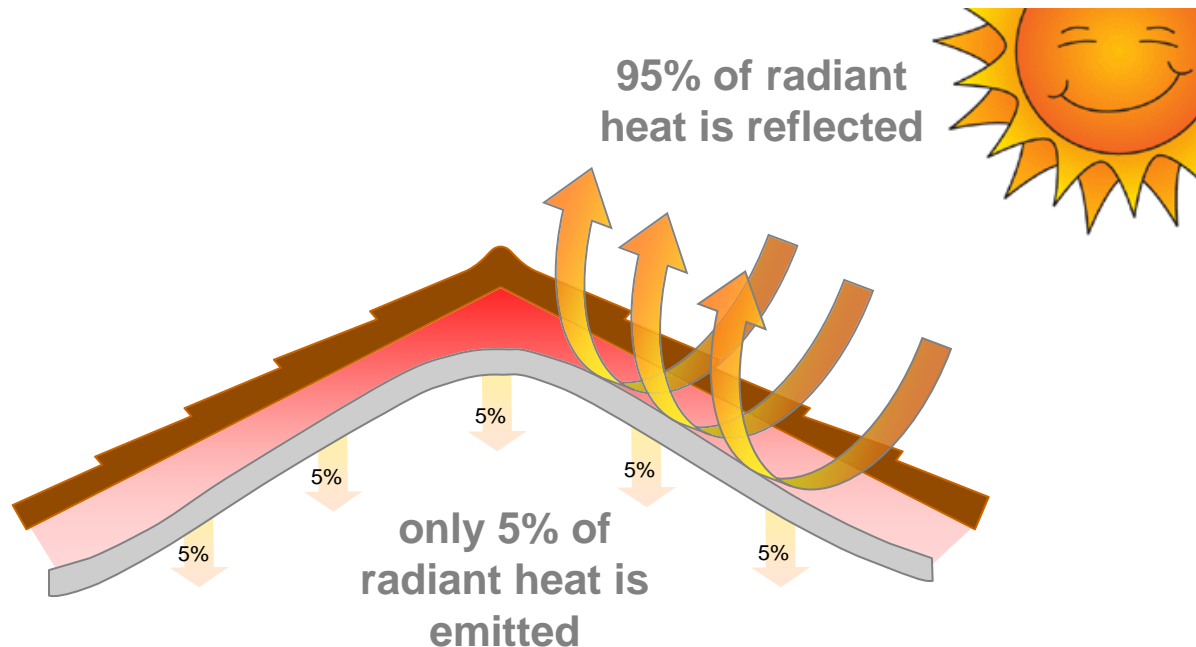


How Do Radiant Heat Barriers Work?

2. The Aluminium Surface of Sisalation® has LOW EMISSIVITY

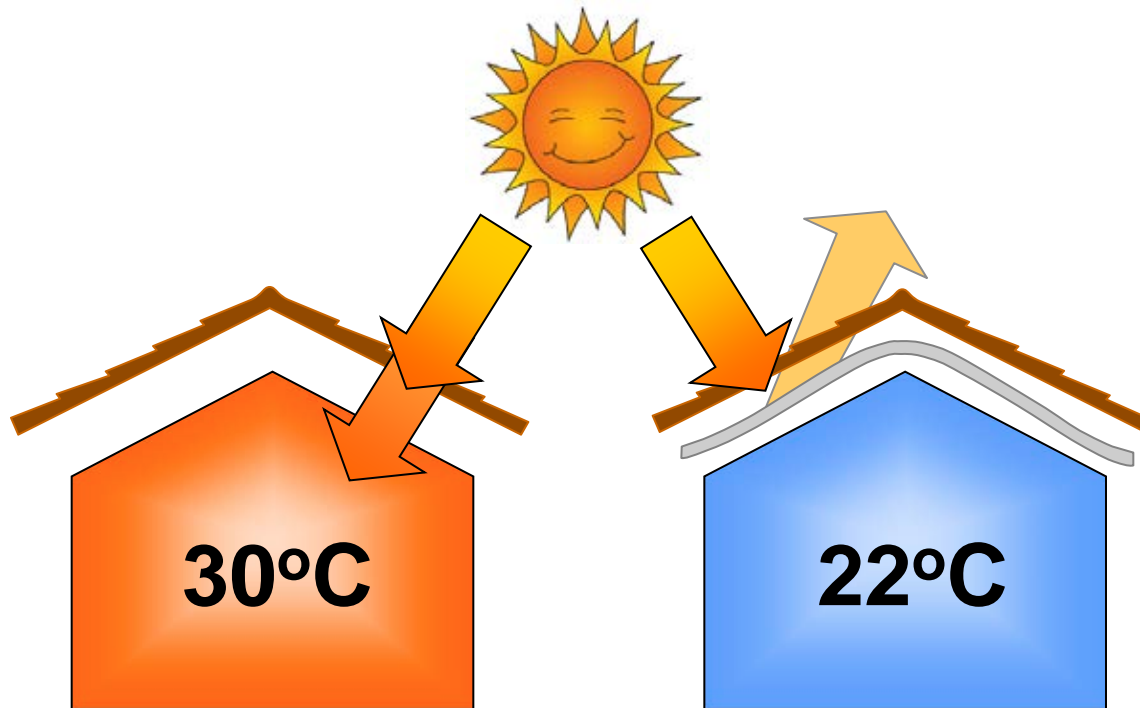
Pure aluminium emits only 5% of the incident thermal radiation.

Most building material surfaces emit 90%



What this means.

Sisalation® Building Foils when used in conjunction with an airspace assist to reduce problems of excessive heat gain.



Other uses of Sisalation®

Sisalation® is used in many other applications, but one thing remains constant, its insulating and water/vapour barrier properties.

1. Under Flooring

Improving the R-Value of floors and resisting moisture absorption



2. Faced to Insulation Blanket

For use in metal deck roofing.



3. Air-Conditioning Ductwork

To prevent condensation.



Summary of Use

In summary Building Foils are used in many situations. In each of these situations the products can perform either one of two important functions, or both functions at the same time:

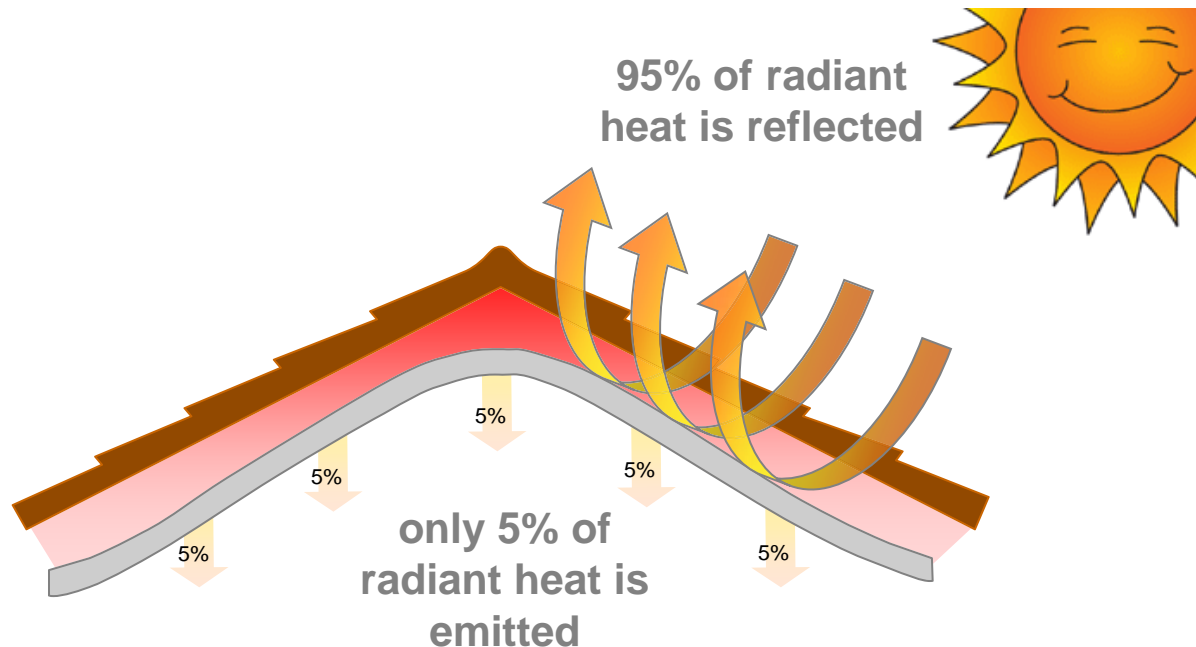
1. Radiant Heat Barrier/Thermal Insulation
 - reducing excess heat by reflecting 95% and emitting only 5% of radiated heat.
2. Water/Vapour Barrier
 - to assist in reducing condensation by resisting the passage of water vapour in the air to cool surfaces inside the building.

How Do Radiant Heat Barriers Work?

2. The Aluminium Surface of Sisalation® has LOW EMISSIVITY

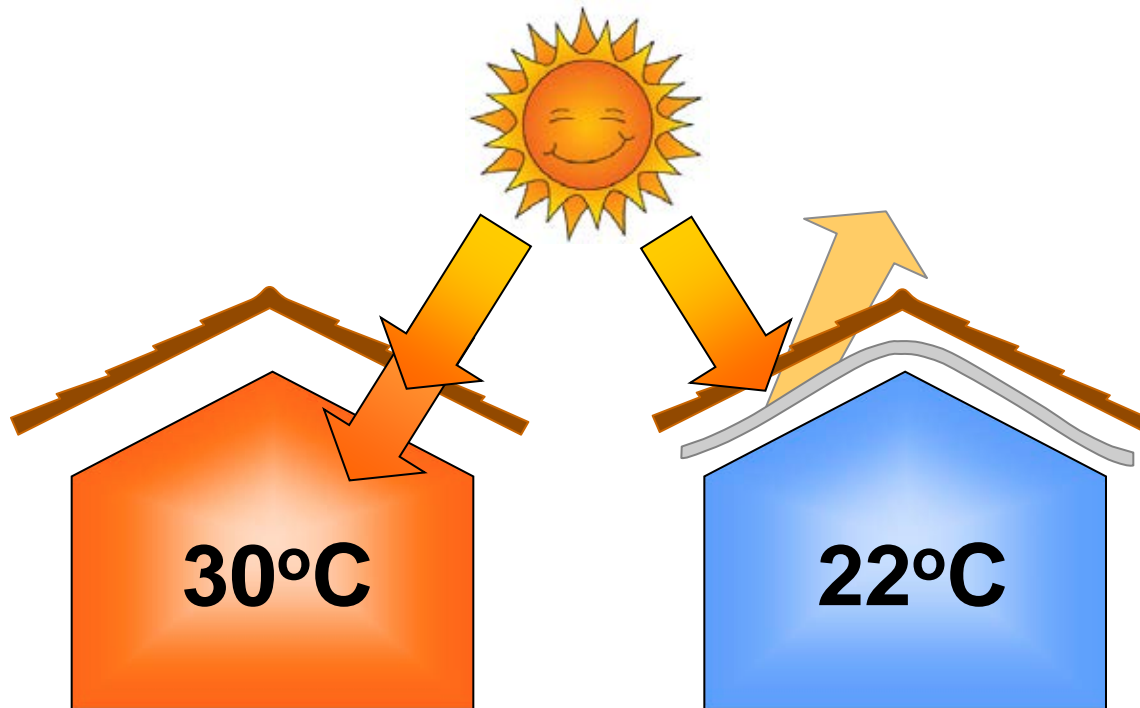
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