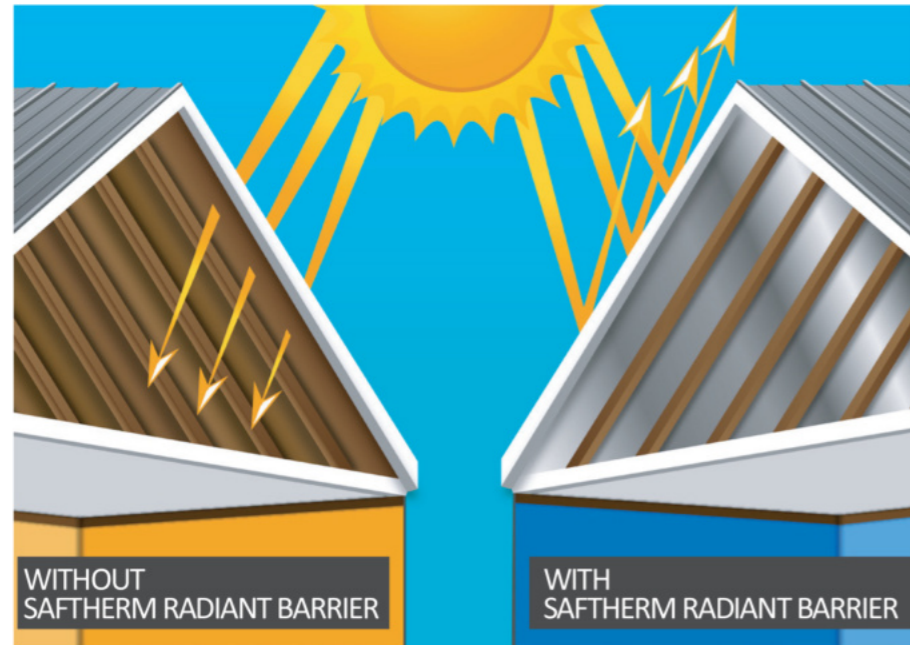


WHAT IS SAFTHERM RADIANT BARRIER?

Saftherm Radiant Barrier is your first line of defense against radiant heat and is made from high quality aluminum membranes. This reflective foil insulation material provides effective insulation properties adding indoor comfort against heat, cold, dust, moisture and reduces energy consumption.

HOW DOES SAFTHERM RADIANT BARRIER WORK?

Saftherm Radiant Barrier prevents heat transfer between indoor and outdoor temperatures, keeping it cool in the summer and cosy in the winter.



WHY SHOULD I INSTALL SAFTHERM RADIANT BARRIER?

Fire rating is **SANS 428 compliant**

Radiant Barrier offers **SUPERIOR TEMPERATURE CONTROL**

ADDED BENEFITS

Energy Efficient:
Allows for reduced energy consumption.

Vapour Barrier:
Prevents moisture from entering the building.

Thermal Resistance:
Effectively reflects up to 97% of Radiant heat.

Dustproofs:
Reduces dust entering the roof space.

Economical:
Maintenance free and prolonged longevity.

Environmentally-friendly:
Allows for reduced energy demand inside building.

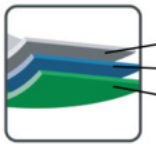
Saftherm
thermal insulation
RADIANT BARRIER



PRODUCT RANGE OVERVIEW

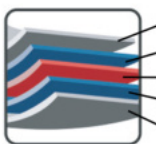
SAFATHERM RADIANT BARRIER RESIDENTIAL

SAFATHERM 201FR



- Non-tear single sided
- Area = 45m²
- Width = 1.25m
- Length = 36m
- R Value range = 1.34-1.49*
- Fire rating = B/B3

SAFATHERM 202ECO



- Non-tear double sided
- Area = 45m²
- Width = 1.25m
- Length = 36m
- R Value range = 1.36-1.49*
- Fire rating = B/B1

SAFATHERM 202FR



- Non-tear double sided
- Area = 50m²
- Width = 1.25m
- Length = 40m
- R Value range = 1.41-1.86*
- Fire rating = B/B1

SAFATHERM RADIANT BARRIER COMMERCIAL/INDUSTRIAL

SAFATHERM 203ECO

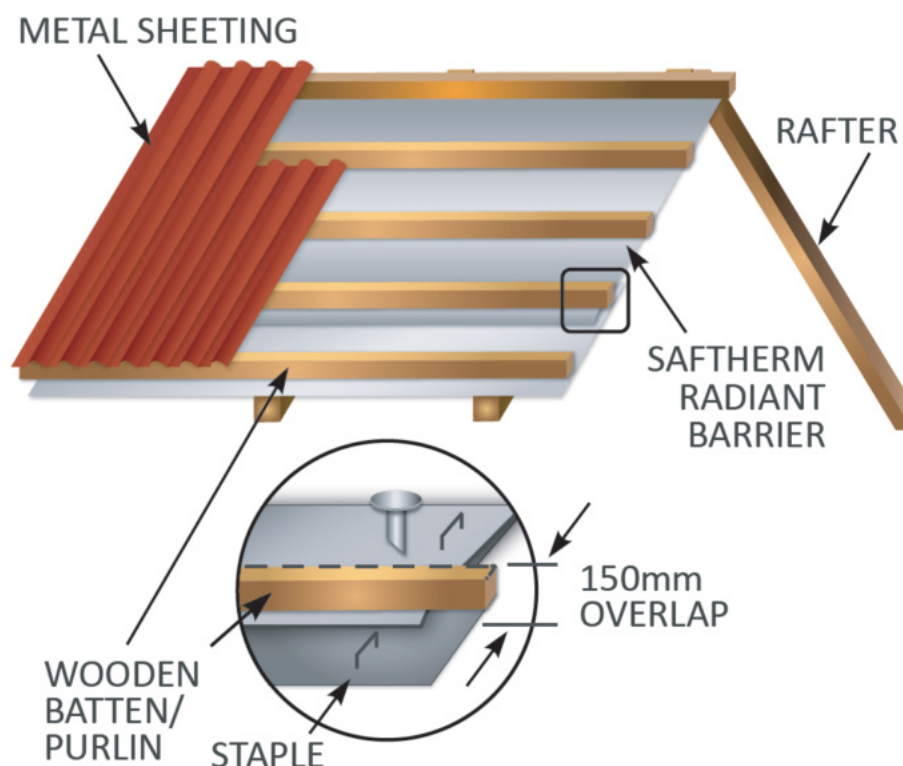


- Rigid double sided
- Area = 50m²
- Width = 1.25m
- Length = 40m
- R Value range = 2.31-2.42*
- Fire rating = B/B1/2/H only SP

- For more information contact: marketing.mrmroofing@safalgroup.com -
 *please contact us should you require further information on the R Value test methods.



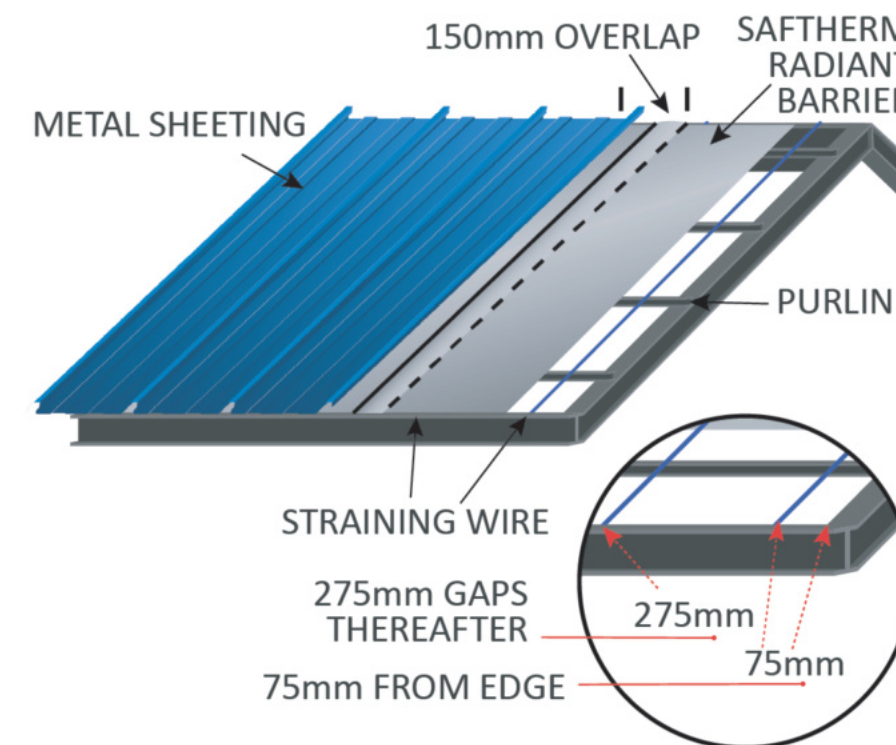
RESIDENTIAL INSTALLATION METHOD



1. Saftherm Radiant Barrier must be unrolled horizontally across the rafters with the printed aluminium side facing up.
2. Saftherm Radiant Barrier must be overlapped by 150mm at all joints. Overlap guideline markings are printed onto the rolls for ease of use.
3. To ensure maximum performance, an air-gap is required between the Saftherm Radiant Barrier and the roof sheeting.
4. Saftherm Radiant Barrier must be fixed between the rafters and the battens.
5. It is suggested that Saftherm Radiant Barrier be pulled hand-taut across the rafters. Do not excessively stretch the material.
6. Saftherm Radiant Barrier should not be left exposed to sunlight or wind for long periods of time.



INDUSTRIAL / COMMERCIAL INSTALLATION



1. Straining wire to be installed above the purlins and evenly tensioned. The initial straining wire is to be spaced 75mm away from the gable end, with subsequent spacing at 275mm or 367mm spacings.
2. Saftherm Radiant Barrier must be installed with the printed side facing up.
3. To ensure maximum performance, an air-gap is required between the Saftherm Radiant Barrier and the roof sheeting.
4. Saftherm Radiant Barrier must be overlapped by 150mm at all joints. Overlap Guideline markings are printed onto the rolls for ease of use.
5. It is suggested that Saftherm Radiant Barrier be pulled hand-taut across the rafters. Do not excessively stretch the material.
6. Saftherm Radiant Barrier should not be left exposed to sunlight or wind for long periods of time.