

## PRODUCT DESCRIPTION AND FEATURES

Saftherm™ radiant barrier is your first line of defence against radiant heat and is made from high quality Aluminium and other materials to reinforce the membranes. This reflective foil adds to indoor comfort against heat, cold, dust, moisture and reduces energy consumption.

## SAMPLE SPECIFICATION

Safintra Saftherm™ 202FR double-sided reflective Aluminium foil radiant barrier, installed with a 20mm air gap over purlins on PVC-coated straining wires spaced at 275mm centres, in accordance with the manufacturer's recommendations.



**Note 1:** Saftherm™ radiant barrier should be stored in a clean, dry environment and should not be exposed to direct sunlight.



### Saftherm™ 201 FR

- Non-tear single sided
- Area: 45m²
- Width: 1.25m
- Length: 36m
- R value range: 1.34 - 1.49\*
- Fire rating: B/B3/B4

Reflective Aluminium foil  
PE tie layer  
Woven fabric



### Saftherm™ 202 ECO

- Non-tear double sided
- Area: 45m²
- Width: 1.25m
- Length: 36m
- R value range: 1.36 - 1.49\*
- Fire rating: B/B1/B2

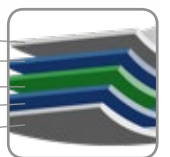
Reflective MPET  
PE tie layer  
Leno fabric  
PE tie layer  
Reflective Aluminium foil



### Saftherm™ 202 FR

- Non-tear double sided
- Area: 50m²
- Width: 1.25m
- Length: 40m
- R value range: 1.41 - 1.86\*
- Fire rating: A/A1

Reflective Aluminium foil  
PE tie layer  
Woven fabric  
PE tie layer  
Reflective Aluminium foil



## SAFTHERM™ RADIANT BARRIER COMMERCIAL/INDUSTRIAL

### Saftherm™ 203 ECO

- 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

Reflective Aluminium foil  
PE tie layer  
Paper  
PE tie layer  
Reinforcement  
Reflective Aluminium foil



*\*Please contact us should you require further information on the R Value test methods.*

## INSTALLATION



### 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 joins. 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 Method

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.
2. Saftherm™ radiant barrier must be installed with the printed size 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 joins. 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.

## BENEFITS OF INSTALLING SAFTHERM™ RADIANT BARRIER



### Energy Efficient

Allows for reduced energy consumption.



### Economical

Maintenance free and prolonged longevity.



### Vapour Barrier

Prevents moisture from entering the building.



### Environmentally-friendly

Allows for reduced energy demand inside the building.



### Thermal Resistance

Effectively reflects up to 97% of radiant heat.



### Fire Rating

Fire Rating is SANS 428 compliant.



### Dust Proofing

Reduces dust entering the roof space.



### Temperature Control

Radiant barrier offers superior temperature control.