



Polyester fibre insulation blanket manufactured using recycled polyethylene terephthalate (PET) plastic. The blankets are supplied in rolls with various thickness.

PROPERTIES:

- Saftherm™ PET blankets are friendly to the touch, will not irritate the skin and do not affect breathing in any way.
- Saftherm™ PET blankets have been tested by SABs for thermal performance as well as for fire propagation (test reports available on request).
- Saftherm™ PET blankets are manufactured to ISO9001 Standards.
- Saftherm™ PET blankets do not collapse over time and retain their "loft".
- On flat ceilings, Saftherm™ can be laid in between the trusses on top of the battens.
- VOC Free / ODP 0%.

SAMPLE SPECIFICATION

Safintra Saftherm™ polyester fibre blanket, 100mm thick, with a density of 10 kg/m³ and a R-value of not less than 2.0m²K/W, cut to size and laid over battens within the ceiling void, off cuts to be inserted between the ceiling and rafter to ensure complete coverage.

See table below for thickness specification.

Note 1: The system R-value is a conservative estimate which includes the insulation layers, air gaps, roof, and ceiling.

PRODUCT RANGE OVERVIEW

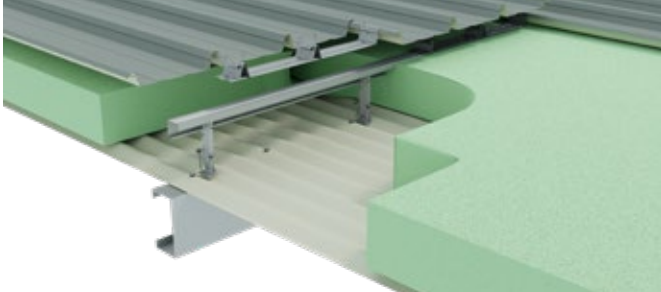
The R-value of Saftherm™ (m²K/W) is the measure of an insulation products availability to restrict heat transfer.

Thickness	Density	Width*	Length	R-value	System R-value
40mm	7.5kg/m ³	1.2m	10m	0.8	1.2
55mm	6kg/m ³	1.2m	10m	0.9	1.3
75mm	10kg/m ³	1.2m	8m	1.5	1.9
100mm	10kg/m ³	1.2m	6m	2.0	2.4
135mm	10kg/m ³	1.2m	5m	2.7	3.1
100mm	11.5kg/m ³	1.2m	8m	2.3	2.7
135mm	11.5kg/m ³	1.2m	5m	3.1	3.5
145mm	11.5kg/m ³	1.2m	5m	3.3	3.7

*750mm wide rolls available on request.

INSTALLATION

Built-up system



Spacer system in conjunction with a liner sheet to create a void for the Safftherm™ polyester blanket insulation.

In ceiling void (domestic application)



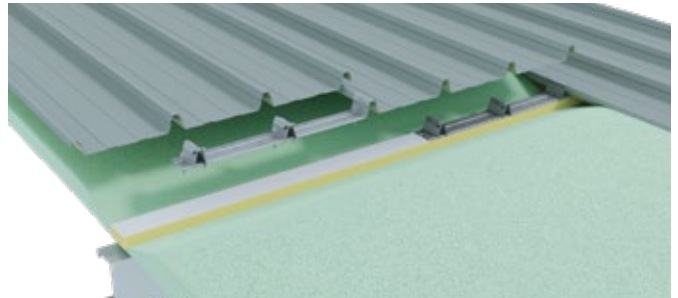
Safftherm™ polyester blanket insulation cut and snugly placed in the ceiling void between the trusses.

Over-roofing (asbestos/other)



Spacer system used to over-roof an existing asbestos roof with Safftherm™ polyester blanket insulation installed in the void created.

Compressed over purlin



Safftherm™ polyester blanket insulation compressed with an insulating packer. The concealed fix clip is fastened through the packer into the purlin.

Note 2: Safintra does not recommend the compression of blanket insulation as it can negatively impact performance.

BENEFITS OF INSTALLING SAFTHERM™ POLYESTER BLANKETS



Easy to roll and cut



The fibres won't absorb water, but the blanket will retain moisture when it gets wet



Excellent thermal stability



Electricity savings due to better temperature control (heating and cooling)



Keeps homes warm in winter and cool in summer



Extremely cost effective



PET plastics are recyclable



Increases the energy efficiency of buildings



Maintenance free



Ideal for built up roof systems



Odourless



Can be used in residential, commercial and industrial applications



Can be used for acoustic noise reduction