

PRODUCT DESCRIPTION & FEATURES

Polyester Fiber Insulation Blanket manufactured using recycled polyester (PET plastic soft-drink bottles etc.). Supplied in the form of rolls in various thickness.

Properties:

Saftherm is friendly to the touch, will not irritate the skin and does not affect breathing in any way.

Saftherm has been tested by SABS, for thermal performance as well as for fire propagation (test reports available on request).

Saftherm is manufactured to ISO9001 Standards.

Saftherm does not collapse over time and retains its "loft".

On flat ceilings Saftherm can be laid in between the trusses on top of the battens.

VOC Free / ODP 0%

Note

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

See table below for thickness specifications

PRODUCT RANGE OVERVIEW

The R-value of Saftherm (m².K/W) the measure of insulation products ability 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.



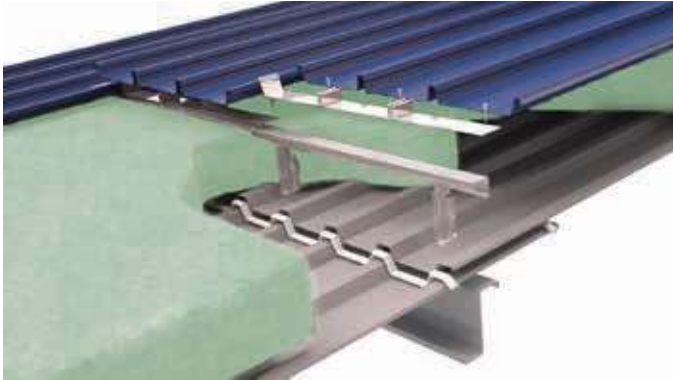
SAMPLE SPECIFICATION

Safintra Saftherm Polyester Fibre Blanket, 100mm thick, with a density of 10kg/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.



INSTALLATION OPTIONS

- In ceiling void in domestic application
- Over roofing
- Build up system
- Build-up
- Cladding Walls



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



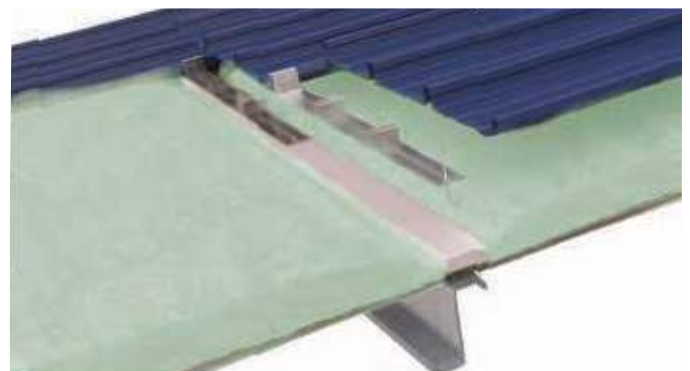
Spacer system used to over roof an existing asbestos roof with Saftherm polyester blanket insulation in the void created.

BENEFITS FOR 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 & cooling)
- Keeps homes warm in winter & 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, & Industrial Applications
- Can be used for acoustic noise reduction



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



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

Note

Safintra does not recommend the compression of blanket insulation as this can negatively influence the performance of the insulation.