



## PRODUCT DESCRIPTION

Starfibre™ consists of flexible rolls of insulation manufactured from recycled plastic bottles to produce a high quality polyester fibre ceiling insulation which is light-weight, strong, resilient, safe and highly thermally efficient. Starfibre™ is supplied as a plain blanket for thermal and acoustic applications in roofs, walls and ceilings in all types of buildings.

Thickness	Length	Width	Density kg/m <sup>3</sup>	Thermal conductivity k-value (W/m.K)	Thermal Resistance R-value (m <sup>2</sup> /KW)
40mm	1200mm	10m	10	0.050	0.80
50mm	1200mm	10m	10	0.050	1.00
55mm	1200mm	10m	6	0.050	0.90
75mm	1200mm	8m	10	0.050	1.50
100mm	1200mm	6m	10	0.050	2.00
135mm	1200mm	5m	10	0.050	2.70

## FIRE PERFORMANCE

Starfibre™ ceiling insulation has been tested according to SANS 428 (Fire Performance classification of thermal insulated building envelope systems) as part of SANS 10400 of the National Building Regulations and attained the following fire rating: B/B2/2

## INSTALLATION APPLICATION

1. No protective clothing required.
2. Measure the distance between roof trusses.
3. Cut the material to the measurements to fit between roof trusses.
4. Roll the blanket out between roof trusses and ensure it lies flat on the ceiling.
5. Take care to ensure that there are no gaps and the blanket is not compressed.
6. Cut holes around downlighters to allow heat to dissipate.

## SPECIFICATIONS FOR BOQ

40, 50, 75, 100 or 135mm thick Starfibre™ ceiling insulation of 10kg/m<sup>3</sup> or 55mm thick Starfibre™ ceiling insulation of 6kg/m<sup>3</sup> density in 1200mm widths laid directly over the ceiling between trusses ensuring a snug fit including all necessary cutting strictly according to the manufacturers specifications. D&D Roof Insulations. [www.roofinsulation.co.za](http://www.roofinsulation.co.za).

### Disclaimer:

D&D Roof Insulations provides all information contained in this publication based on data available at the time and reserves the right to amend such information from time to time.

### Handling and storage:

Store under cover and in dry conditions. Handle with reasonable care and do not apply excessive pressure by standing or sitting on the product as permanent damage may occur. Store off the ground or away from impervious surfaces or moisture. The product is supplied in a compressed state and a period of 30 days should be allowed for normal thickness to be achieved.



Member of TIPSASA -  
Thermal Insulation Products &  
System Association SA



Member of GBCSA -  
Green Building Council of SA



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