

SiSALATION®

PRODUCT DATA SHEET

PRODUCT SPECIFICATIONS

Sisalation® Fireshield is a double-sided aluminium foil radiant barrier with reinforced scrim in the middle, laminated with flame retardant adhesive.

ARCHITECTURAL SPECIFICATION

Sisalation® Fireshield NC 502 D/S (210gr). Use in conjunction with Galvanised straining wires 275mm apart and 24mm D/s Tape.

TECHNICAL INFORMATION

ROLL

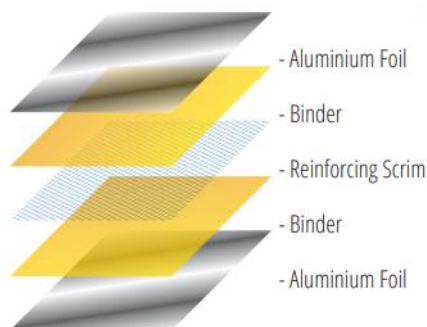
Appearance	Silver
Length	40M
Width	1250mm
Roll Size	50m ²
Effective Coverage	44m ²
Overlap	150mm
*System Thermal Resistance	1.38
Fire Rating. SANS 428 protocol. Horizontal & Vertical Applications	A/A1/1H&V (SP & USP)
New Fire Rating: SANS 53501-1 (EN 13501-1)	A2-s1, d0
Mass Per Unit Area G/M ²	210gr/m ²
Weight Per Roll	±10.5kg
Tensile Strength (kN/m) – longitudinal direction	28.8
Transverse Direction (kN/m)	24.9
Burst Strength kPa	0.066
Emissivity of foil surface	0.03

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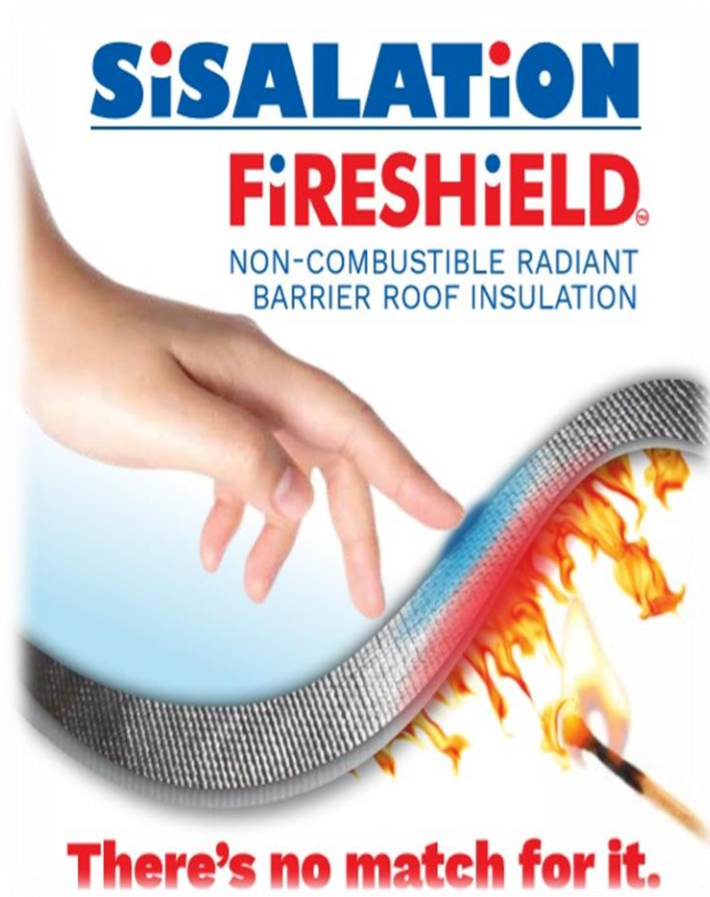
Typical Examples of the Thermal Resistance Values achieved of Double Sided Reflective Foil Insulation when tested with different air spaces

Description	Temperature range: 36 °C/10 °C (mean 23 °C)		
Thermal Performance of system	(Rsys) m ² .K/W	(Rsys) m ² .K/W	(Rsys) m ² .K/W
Horizontal Installation			
Air gaps system: above/below	0/80 (mm)	20/80 (mm)	40/60 (mm)
Double Sided Reflective Foil	Heat flow direction: Downwards		
	1.276	1.385	1.433
	Heat flow direction: Upwards		
	0.396	0.595	0.571

Referral: TIPSASA Technical Code 2017



Sisalation® Fireshield NC 502 D/S (210gr)
Heavy Industrial, Commercial, Retail, Hospitality and Medical Facilities
(A2-s1, d0)



www.sisalation.co.za

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