

SiSALATION®

PRODUCT DATA SHEET

PRODUCT SPECIFICATIONS

Sisalatation®FR405 is an economical, durable, double sided reflective foil laminate incorporating advanced fire-retardant properties.

ARCHITECTURAL SPECIFICATION

Sisalatation® FR405. 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 – under tile or sheeting no ceiling <i>downwards</i> heat-flow.	1.38
Under tile or sheeting no ceiling <i>upwards</i> heat-flow.	0.67
Fire Rating. SANS 428 protocol. Horizontal & Vertical applications	B/B1/2/H&V-SP&USP
New Fire Rating: SANS 53501-1 (EN 13501-1)	B – s1, d0
Mass Per Unit Area G/M ²	185gr/m ²
Weight Per Roll	±9.1kg
Tensile Strength (kN/m) – longitudinal direction	10
Transverse Direction	6
Burst Strength kPa	600
Emissivity of foil surface	≤0.05

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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	0/80 (mm)	20/80 (mm)	40/60 (mm)
Air gaps system: above/below	Heat flow direction: Downwards		
Double Sided Reflective Foil	1.276	1.385	1.433
	Heat flow direction: Upwards		
	0.396	0.595	0.571

Referral: TIPSASA Technical Code 2017



- Aluminium Foil
- FR Binder
- Kraft
- Reinforcing Scrim
- FR Binder
- Kraft
- FR Binder
- Aluminium Foil

Sisalatation® FR405 Light Industrial
Offices, Mini-Factories, Clinics & Schools
(B-s1, d0)

SiSALATION®

FR405



Fire Retardant
Aluminium Foil Insulation



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