

SiSALATION®

PRODUCT DATA SHEET

PRODUCT SPECIFICATIONS

Sisalatation® GR405 is a light grammage, double sided reflective foil laminate incorporating layers of aluminium foil, high strength kraft paper and reinforcing scrim bonded together with a binder.

ARCHITECTURAL SPECIFICATION

Sisalatation® GR405 is recommended for both pitched and flat roof structures with the roof covering laid longitudinally over the rafters working from the eaves to the ridge of the roof. The roll should be unwound so that the printed surface faces upwards, exposing the 150mm overlap line. Each horizontal layer must be evenly tensioned across the rafters.

TECHNICAL INFORMATION

ROLL

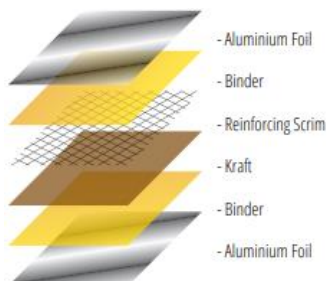
Appearance	Silver
Length	40M
Width	1250mm
Roll Size	50m ²
Effective Coverage	44m ²
Overlap	150mm
*System Thermal Resistance – under tile or sheeting no ceiling <i>downwards</i> heat-flow.	1.38
Under tile or sheeting no ceiling <i>upwards</i> heat-flow.	0.73
Fire Rating. SANS 428 protocol. Horizontal Application Only.	B/B1/2/H
New Fire Rating: SANS 53501-1 (EN 13501-1)	B – s1, d0
Mass Per Unit Area G/M ²	160gr/m ²
Weight Per Roll	±8.0kg
Tensile Strength (kN/m)	7
Transverse Direction (kN/m)	5
Burst Strength kPa	400
Emissivity of foil surface	≤0.05

*

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

Referrat: TIPSASA Technical Code 2017



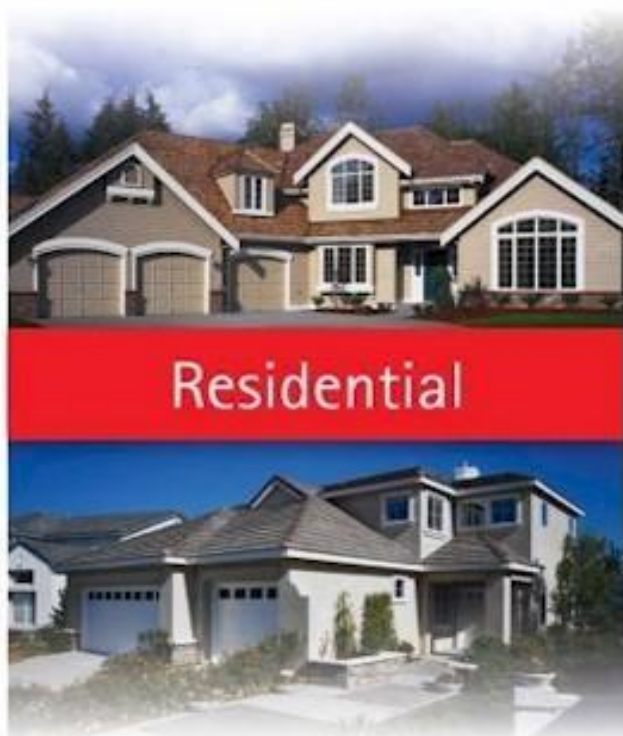
Sisalatation® GR405

Residential

(B-s1, d0)

SiSALATION®

405



Residential



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