



SUPER

SISALATION®

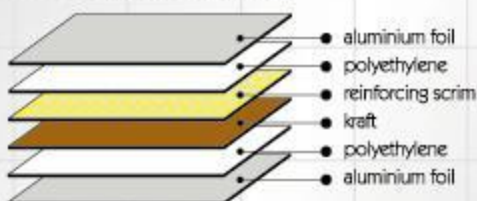
Don't Build without it!



405
Multi-
Purpose

This multi-purpose light grammage product is ideally suited for insulating, waterproofing and dustproofing of residential homes, town houses, shopping malls, commercial premises, clinics and schools.

PRODUCT DESCRIPTION



Super Sisalation® 405 is a light grammage, durable, double sided, reflective foil laminate incorporating layers of aluminium foil, high strength Kraft paper and reinforcing scrim bonded together with low density polyethylene.

PRODUCT FUNCTION

Super Sisalation® 405 when used in conjunction with an airspace is an effective thermal insulating membrane due to the high reflectivity and low emissivity of its aluminium foil surfaces.

This combination makes an excellent barrier to heat flow via radiation.

When installed in industrial buildings as an exposed roof lining, the reflectivity of the ceiling is increased by up to 40%.

ROLL SIZE

1250 mm x 40 m (50 m²)
Effective coverage including overlap (44 m²)
Roll mass ± 8 kg

(Also available in 1250 mm x 60 m (75 m²) and other selected roll lengths on application.)

PHYSICAL PROPERTIES 405

Tensile strength (kN/m) –	
Longitudinal direction	8,2
Transverse direction	5,8
Puncture resistance (mJ)	1734
Water vapour permeance, g/(s.MN)	<0,002
Burst strength kPa	639
Reflectivity of foil surface	0,95
Emissivity of foil surface	0,05
Nominal grammage g/m ²	159
Classification	A
Tested for conformance with SABS 1381-4: 1985	

PRODUCT DURABILITY

Resistance to Acids & Alkalis: Poor, Super Sisalation® must not be used in contact with wet concrete or exposed continuously to corrosive environment.

Resistance to Copper: Poor, Super Sisalation® must not come into contact with Copper surfaces, due to electrolytic action.

Permanence: Excellent in normal building applications, however extended direct outdoor exposure is not recommended. Should unusual conditions exist, the suitability of the material should be established by contacting a technical representative of the company.

FIRE RATING

405

Spread of flame index	Nil
Heat contribution index	Nil
Smoke emission index	Nil
Surface fire index	Nil
Class	1
Tested in accordance with SABS 0177-111 as well as BS476 part 5, 6 and 7 (results available on request)	

(All figures are average only and not guaranteed minimums)

SUPER

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