

Sisalation



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Sisalation 405

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Sisalation FR405

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Sisalation FR430

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Residential Installation

Rating: Not Rated Yet

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Description

Sisalation® Insulation maintains a constant and comfortable temperature in a building by preventing heat transfer between indoor and outdoor climates, keeping the heat in during winter and out during summer.

The Benefits of Sisalation®



Temperature Control: Sisalation® has proved effective and beneficial in building in the comfort factor, keeping the home cooler in summer and warmer in winter.



Dustproofs: Keeping the home as dust free as possible can be an important factor in reducing allergens in the air we breathe, thus reducing allergy and asthma symptoms.



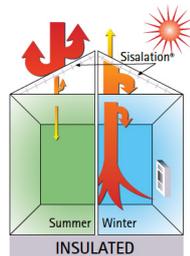
Vapour Barrier: Sisalation® prevents moisture being introduced into the ceiling by outside weather conditions such as rain, humidity or condensation.



Economical: Easy to install Sisalation® is maintenance free and long-lasting. And, because Sisalation® saves money through reduced electricity usage it will pay for itself... over and over again!



Environmentally-friendly: The use of Sisalation® will impact positively on the environment. It helps reduce environmental pollution and the consumption of natural resources and also reduces noise pollution. Not only does it reduce greenhouse gas emissions



it also contains no ozone depleting substances.

PRODUCT DESCRIPTION

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 a binder.

PRODUCT FUNCTION

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.

ROLL SIZE

1250 mm x 40 m (50 m²)

Effective coverage including 150mm overlap (44 m²)

Roll mass ±8,49 kg

PHYSICAL PROPERTIES

Minimum Value

Tensile strength (kN/m) - (Minimum Value)

Longitudinal direction 7 (Minimum Value)

Transverse direction 5 (Minimum Value)

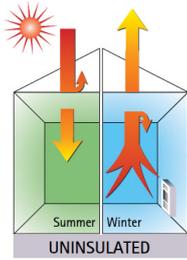
Water vapour permeance, g/(s.MN) <0,002 (Minimum Value)

Burst strength kPa 400 (Minimum Value)

Emissivity of foil surface < 0,05 (Minimum Value)

Nominal grammage g/m² 163 (Minimum Value)

Category A



Tested in accordance with SABS 1381-4:2009

PRODUCT DURABILITY

Resistance to Acids & Alkalis:

Poor, Sisalation® must not be used in contact with wet concrete or exposed continuously to corrosive environment.

Resistance to Copper:

Poor, 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.

Reviews

There are yet no reviews for this product.