

PRINCIPLES OF INSULATION

SISALATION® REFLECTIVE FOIL RADIANT HEAT BARRIER

Sisalation® significantly resists radiant heat flow due to its reflectivity, low radiant heat absorption and low emissivity (ability to re-radiate heat).

Installed in conjunction with an airspace Sisalation's® shiny foil surface is an excellent reflector of all long wave, radiant heat that strikes it – as much as 95% of radiant heat is kept out. Additionally, it is a poor re-radiator of heat. Should it be heated or come into close or physical contact with a warm surface, it will only re-radiate about 5% of the heat, compared with approximately 90% that ordinary surfaces would radiate at the same temperature.

Sisalation® aluminium foil insulation is manufactured according to ISO 9002 quality systems and is a SABS approved product. It has two firsts behind its name – first to be awarded the SABS mark and first to produce a fire retardant product in South Africa.

Tried and test for over 4 decades, Sisalation® has stood the test of time and maintained its position as a leader in the reflective foil insulation market. It is specified by builders, architects and quantity surveyors with confidence.

SISALATION® WATER VAPOUR BARRIER, DUST-PROOFER AND UNDER TILE WIND/AIRFLOW RETARDER

Installed as an under tile membrane, Sisalation® has the added benefit of being an insulator, dust-proofer, airflow retarder and water vapour barrier all in one replacing the need to install an under-tile waterproof membrane.