



## STARLITE™ FOR ENERGY EFFICIENCY

Everyone has a role to play in reducing greenhouse gas emissions that contribute to climate change. Choosing an energy efficient roof or ceiling insulation material is one way to do this while saving money.

By buying insulation that complies with the proposed new ENERGY STAR standard, you can save money on your electricity bills, increase your building's thermal comfort levels and help the environment by reducing greenhouse gas emissions.

ENERGY STAR compliant products help reduce wasted energy and save money without sacrificing in their features, performance or cost.

## WHAT IS THE PROPOSED ENERGY STAR RATING STANDARD?

It is the measured rating of the energy efficiency for buildings ranging from 0 to 5 stars. The higher the star rating the lower the energy usage of the building.

ENERGY STAR compliant products do not cost more than regular products - in fact, ENERGY STAR products save money over their lifespan because they use and conserve energy more efficiently.

## PRODUCT DATA

Starlite™ Insulation consists of rolls of insulation manufactured from stable glass fibres bounded with an inert acrylic thermosetting resin to form a light-weight, strong, resilient and highly thermally efficient product. The Starlite™ is supplied as a plain white blanket for ceiling applications or faced with a variety of scrim re-inforced facings being, aluminium, or white lacquered aluminium foil facing for industrial or steel roof applications. Starlite™ is used for thermal and acoustic applications in walls, roofs and ceilings of all types of buildings and has a working temperature of up to 230°C. Starlite™ insulation conforms to all SABS standards within the National Building Regulations and is completely non-combustible. Starlite™ is safe, environmentally friendly, easy to handle and offers one of the best comfort to cost ratio solutions on the market.

## STARLITE™ - DOMESTIC APPLICATION

Starlite™ 100mm White insulation flexible blanket can be easily installed in existing or new homes and buildings as ceiling insulation, or can be used as cavity fill in new constructions.

## THERMAL VALUES

Density Kg/m <sup>3</sup>	Thickness mm	Thermal Resistance m <sup>2</sup> K/W (R-Value)	Thermal Conductivity W/m.K (K-Value)
11	100	2.50	0.040

## INSTALLATION METHOD

Starlite™ ceiling insulation is layed directly on top of the ceilings between the roof trusses. Once measured and cut to fit, it is simply rolled out onto the ceiling. Wrapping a geyser with Starlite™ will ensure even further energy savings on monthly electricity bills.

