

## PROFAST FOILEX INSULATION DATA SHEET

### Product Description

Profast's Foilex™ is a heavy duty reflective foil product consisting of two layers of aluminium foil and paper laminate, bonded with flame retardant adhesive, and reinforced with fibreglass yarn in a tri-directional pattern.

The construction of Foilex™ gives the product high strength and serviceability.



### Applications

High reflective properties index of Foilex™ together with an associated air space provides thermal insulation in domestic, industrial and commercial buildings, cold stores and cool rooms.

Foilex™ also acts as a waterproof membrane and vapour barrier, when installed beneath the primary roofing material, it provides a secondary barrier against moisture, wind, heat and dust penetration.



PROPERTY	Housing Grade
Reflective R (ASTM E468-71)	95%
Emissivity, e	0.05
Number of Layers	6
Aluminum Foil Thickness	7 Microns
Resistance To Scratch	Double Sides
Adhesive	Polyethylene
FLAME RETARDANT	
BS 476-5 IGNITABILITY PERFORMANCE	P, NON-IGNITABLE
BS 476-6 FIRE PROPAGATION	CLASS 0
BS 476-7 SURFACE SPREAD OF FLAME	CLASS 1
Fibre Reinforcement	3 ways
Tensile Strength (ASTM 828)	
Machine Direction	9.9 kN/m
Lateral Direction	6.5 kN/m
Sizes (1.25 x 60 เมตร)	Area 75 m <sup>2</sup> /roll
(1.25 x 20 เมตร)	Area 25 m <sup>2</sup> /roll