

Data Sheet

Brits IsoFoil Industrial FR Plus

Description

Brits Granric IsoFoil Industrial FR Plus Radiant Barrier is a double-sided Aluminium Foil laminated with fiberglass fabric product which is classified as Non-Combustible.

It is designed for Heavy Industrial (e.g. Factories), or Commercial buildings (e.g. Shopping Centers or Warehouses) where fire performance is critical.



Features and Benefits

- Lifelong energy savings
- Radiant Barrier
- Maintenance free
- Vapour Control
- High puncture and tear resistance ensures long product life and durability

Fire Properties

The overall classification of this product in terms of the SANS 53501-1 classification is:
Non-combustible: A2-s1-d0

Environmental Sustainability

Less material, energy and emissions
ODP - zero ozone depleting potential
GWP - zero global warming potential

Thermal properties

System Thermal Resistance (SANS 8301:2010) The product is tested with air gaps, 40mm at the top and 60mm at the bottom

System R-Value 1.56m².K/W

Physical Properties

Length	40m
Width	1,25m
Area	50m ²
Effective Coverage	44m ²
Overlap	150mm
Weight (g/m ²)	140
Roll weight	7,44kg
Reflectivity	97%
Emittance	3%
Tensile strength (N/25mm - MD)	419
Tensile strength (N/25mm - XD)	307
Burst Strength (N/Cm ²)	42

Handling & Storage

Store product under cover and in dry clean conditions and out of direct sunlight.