CAPCO
CEILING AND PARTITION COMPONENTS

CEILINGS AND PARTITIONS



ISOTHERM THERMAL INSULATION

ISOTHERM Thermal Insulation is suitable for roof, wall and geyser insulation.
ISOTHERM is…

Cost effective - ISOTHERM pays for itself by reducing the electricity costs of energy-consuming heating and cooling systems. Safe and easy to install – The soft texture of ISOTHERM makes it is easy to roll out and cut to size. Pleasant to touch, ISOTHERM is simple and safe to install. It is non-allergenic, non-irritant and resilient and does not support the spread of flame.

Maintenance-free - ISOTHERM is resistant to condensation and associated fungi and bacteria. It retains loft and will not collapse over time.

Eco-friendly - ISOTHERM is made from 100% thermally bonded, people-friendly polyester. The polyester fibre is produced from recycled PET bottles. ISOTHERM is also recyclable.

Accredited - ISOTHERM has recognised standards of quality such as the South African Bureau of Standards (SABS) and proof of qualitative associations with associations such as TIASA. ISOTHERM is also Agrément certified, an international standard of the highest quality and has earned ISO 9001 accreditation.

Fire performance - ISOTHERM complies with SANS 10400, the application of the national building regulations, as an insulation material.Tested in accordance with SANS 428: fire performance classification B/B 1/2.

ASTM - E 84: **spread of flame:** nil.BS 5803 part 4: does not smoulder.

Chemical and physical properties - Composed of polyester. The relatively high melting point of polyester fibres gives ISOTHERM good thermal stability. Moisture absorption: ISOTHERM does not absorb more than 2% (by mass) of moisture, which is within the limits set by the standard.*Tested in accordance with SANS 1381: Part I (Materials for thermal insulation of buildings).

Weight gm^2 +7.5%	500	1000
Thickness mm 10% (Determined in accordance with ASTM C167)	50	100
Density Kg/m^3	8.5Kg/m^3 (Determined in acordance with ASTM C167)	
R-Value (determined in accordance with SANS 428)	0.785	1.570
Width cm (+2.5cm;-1cm)	1200mm	1200mm
Roll Length m (+2.5cm;-1cm)	10	6

environmentally friendly · SABS ISO 9001 · EMPOWERLOGIC BBBEE Status: Level 2 Contributor

KZN:
2 Corobrik Place, Riverhorse Valley Business Estate, Durban.
Tel: 031 569 6090

BALLITO:
2 Apex Drive, North Point, R102, Shakas Head, Ballito.
Tel: 032 947 0422

GAUTENG:
21 Flower Close, Tunney, Germiston.
Tel: 011 822 8142

WESTERN CAPE:
Unit 6 Oude Molen Park
7 Oude Molen Road
Ndabeni, Cape Town
Tel: 021 002 7038

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