



INSULATION & PACKAGING DISTRIBUTORS CC

ISOFOIL



Isofoil Composite Thermal Insulation is an exposed insulation product. It provides maximum condensation control and interior comfort. For any building without ceilings - from warehouses and showrooms to factories and loft living - Isofoil insulation qualities are exceptional.

Isofoil is the result of exhaustive research and development. Isotherm is resilient and does not shed loose fibres; it withstands normal handling during transportations and installation. Isofoil, an exposed insulation is a lightweight compressible insulation material manufactured from thermally bonded polyester.

The combination of materials – an outer jacket of polythene sheeting or aluminium foil together with the polyester insulation - is simple and safe to install. No loose fibres; no itching, no damage to eyes and lungs.

Melting point:	250°C
Percent volatiles:	Nil. ISOFOIL has no chemical additives, no odour or emission of volatile organic compounds unlike certain other insulating materials that contain free formaldehyde emissions (CAS No 50-00-0 which has a possible cancer causing effect on humans).
Specific gravity:	1.38
Auto-ignition temp:	515°C (Din 51794)
Fire properties:	CSIR tests incorporating the product in a normal over-purlin installation proved that, with ISOFOIL, the spread of flame is negligible.
Other properties:	Non-allergenic, non irritant, resilient.
Ingredients:	Organic, long chain synthetic polymer.
Chemical entity:	Composed of carbon – hydrogen.
Max. service temp:	150°C (When using a laminate, the adhesive limits the maximum service temperature to 70°C.)
Alkalinity:	pH 7.8
Moisture absorption:	Exposure to an atmosphere of 50°C and 95% relative humidity for four days gives moisture absorption of less than 0.2% by volume.