

EcoTherm Multi-Therm

Thermal insulation for flat roofs



Flat Roofing



Flooring



Pitched Roof



Cavity Wall



Tapered



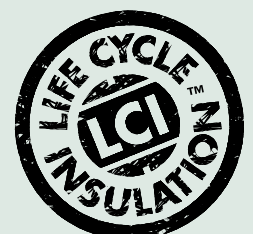
EcoTherm Multi-Therm

Description: Urethane board, faced with a bitumenised glass coated tissue on one side and a plain glass tissue on the other.

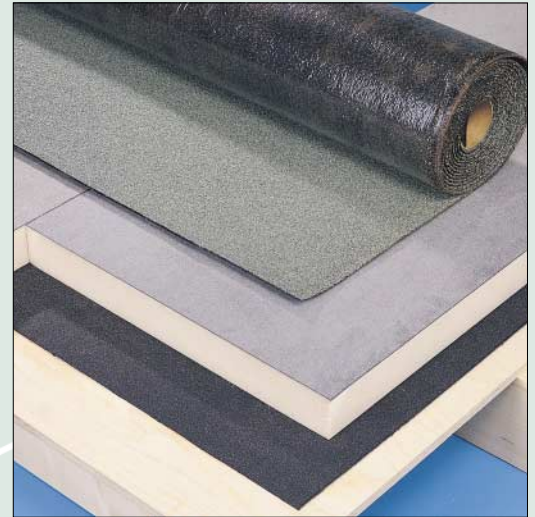
Purpose: For asphalt, built-up felt and bitumen compatible fully adhered single ply membranes.

Board size: 1200mm x 600mm

Lambda value: 0.027 W/mK



EcoTherm Multi-Therm



Technical specifications

- **Description:** The board is faced with a bituminised glass-coated tissue on one side and a plain glass tissue on the other.
- **Application:** One board for three water proofing systems.
Built up felt roofing - Bitumen face up using a ventilated base layer.
Single ply membranes – Bitumen face up, NB only suitable with bitumen compatible single ply membranes. Check with the Technical Service Department.
Asphalt – Plain glass face up and a separating black sheathing felt to be used.
- **Thermal conductivity:** λ_D -value 0.027 W/mK.
- **Standard dimension:** 1200 x 600 mm.
- **Edge finishing:** Square edges.
- **All boards are to be stored off the ground and kept dry.**
- **Fire protection:** when finished with built-up felt roofing incorporating a 25mm ply, the roof will achieve an FAC fire rating when tested to BS476 Part 3.
- **Density:** PUR nominal 32 kg/m³.
- **Compression strength PUR:** minimum 150 kPa, at 10% compression.
- **Closed cells PUR:** minimum 90 %.
- **Temperature resistance PUR:**
short duration: maximum 200°C less than one hour;
long duration: -50°C up to +110°C.
- **Zero ODP:** CFC and HCFC free.
- **Boards are supplied palletised in shrink-wrapped polythene.**
- **Boards are easily cut using a fine tooth saw.**

λ_D -value PUR 0.027 W/mK

Thickness in mm	30	40	50	60	70	75	80	90	100
R _D -value m ² K/W	1.11	1.48	1.85	2.22	2.59	2.78	2.96	3.33	3.70

* All product qualities are being measured as prescribed in BS EN 13165:2001.

Advantages of EcoTherm Multi-Therm

- High insulation value
- Fast and easy installation
- Energy saving
- High compression strength
- Dimensionally stable
- Closed cell structure
- Boards for dual purpose, one board in stock for two jobs