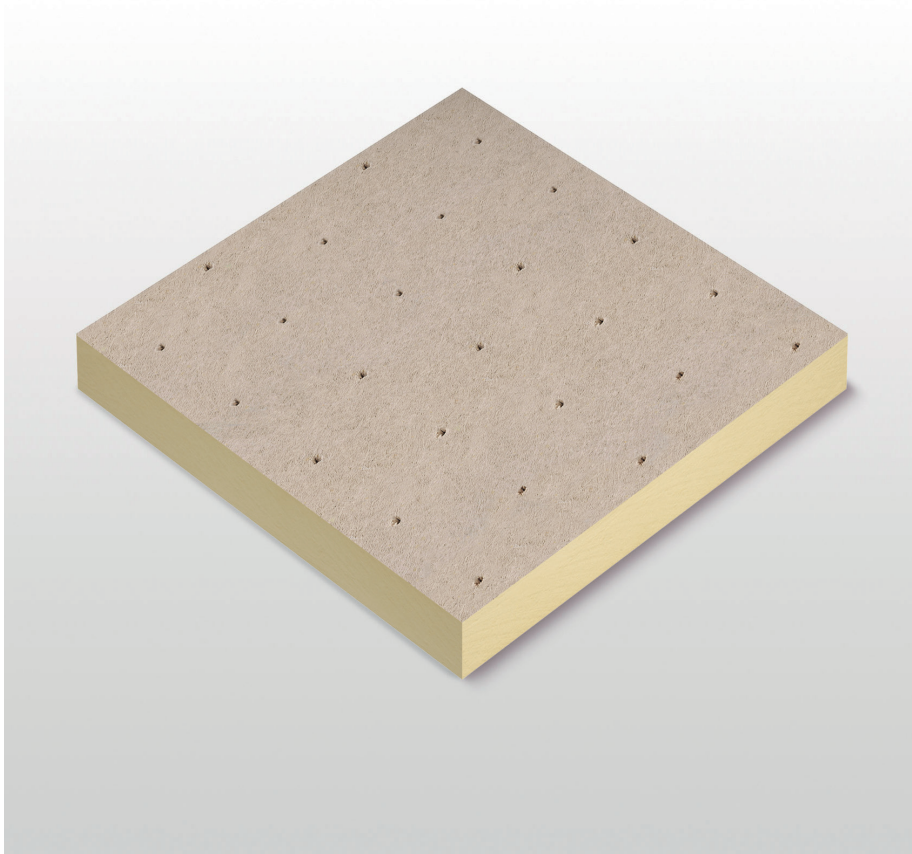


Insulation



Therma™ TR22

Insulation Cover Board for Use in Overlaying New And Existing Flat Roofs
Waterproofed with Single-Ply & Cold Liquid Applied Waterproofing



- Rigid thermoset insulation
- Compressive stress, exceeds 250 kPa@ 10% compression
- Ideal with most green roofing systems
- Easy to handle and install
- Ideal for new build and refurbishment
- Manufactured with a blowing agent that has zero ODP (contains no CFC and HCFC) and GWP ≤5



Product information

Product Description

Kingspan Therma™ TR22 comprises of fibre-free rigid thermoset polyisocyanurate (PIR) insulation core, manufactured with a coated glass tissue based facing, autohesively bonded to the insulation core during manufacture.

The insulation cover board helps to resist damage from foot traffic and heavy loads, and is suitable for use on flat roofs waterproofed with single-ply and cold liquid applied waterproofing.

Technical Specifications

Property	Result
General	
Product Thickness (mm)*	*12.7, 15 & 20
Board Length (mm)*	2400*
Board Width (mm)*	1200*
Apparent Core Density (BS EN 1602: 2013)	65 Kg/m ³ (15mm & 20mm) 64 Kg/m ³ (*12.7mm)
Compressive Stress (BS EN 826: 2013)	Exceeds 250 kPa @ 10% compression
Thermal	
Thermal Conductivity (ASTM C518-21)	0.030 W/mK at 23°C mean temperature

*Standard manufacturing tolerance may apply, for more information contact Kingspan Insulation.

*12.7mm thickness, not certified to DCL (Dubai Central Laboratory) requirements.

Standards and Approval

Kingspan Therma™ TR22 is manufactured to the highest standards under a management system certified to ISO 9001: 2015 (Quality Management System), ISO 14001: 2015 (Environmental Management System), ISO 45001: 2018 (Occupational Health and Safety Management System) and ISO 37301:2021 (Compliance Management System).

General

Following Trades

- The roof must be adequately protected when building works are being carried out on or over the roof surface. This is best achieved by close boarding. The completed roof must not be used for storage of heavy building components such as bricks or air conditioning equipment.

Daily Working Practice

- At the completion of each day's work, or whenever work is interrupted for extended periods of time, a night joint must be made in order to prevent water penetration into the roof construction.

Cutting

- Cutting should be carried out either by using a fine-toothed saw or by scoring with a sharp knife, snapping the board over a straight edge and then cutting the facing on the other side.
- Ensure accurate trimming to achieve close-butting joints and continuity of insulation.

Packaging and Storage

- The polyethylene packaging of Kingspan Insulation products, which is recyclable, should not be considered adequate for outdoor protection.
- Ideally, boards should be stored inside a building. If, however, outside storage cannot be avoided, then the boards should be stacked clear of the ground and covered with an opaque polythene sheet or weatherproof tarpaulin. Boards that have been allowed to get wet should not be used.

Health and Safety

- Please refer MSDS, For more information contact Kingspan Insulation.

Warning – do not stand on or otherwise support your weight on this product unless it is fully supported by a load bearing surface.

Sitework

- Kingspan Therma™ TR22 is suitable for use over most types of roof substrates including concrete decks. For further advice on spanning and installation when used over profiled metal decks and metal composite panels, please contact the Technical Department at Kingspan Insulation to discuss the specifics of the project.

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To ensure you are viewing the most recent and accurate product information, please visit this link <https://www.kingspan.com/ae/en/products/insulation-boards/roof-insulation-board/tr22/?s=d>

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