

Installation Guide

Kooltherm[®] K5

External Wall Board

External Insulation for Masonry Walls and Polymer Modified Renders



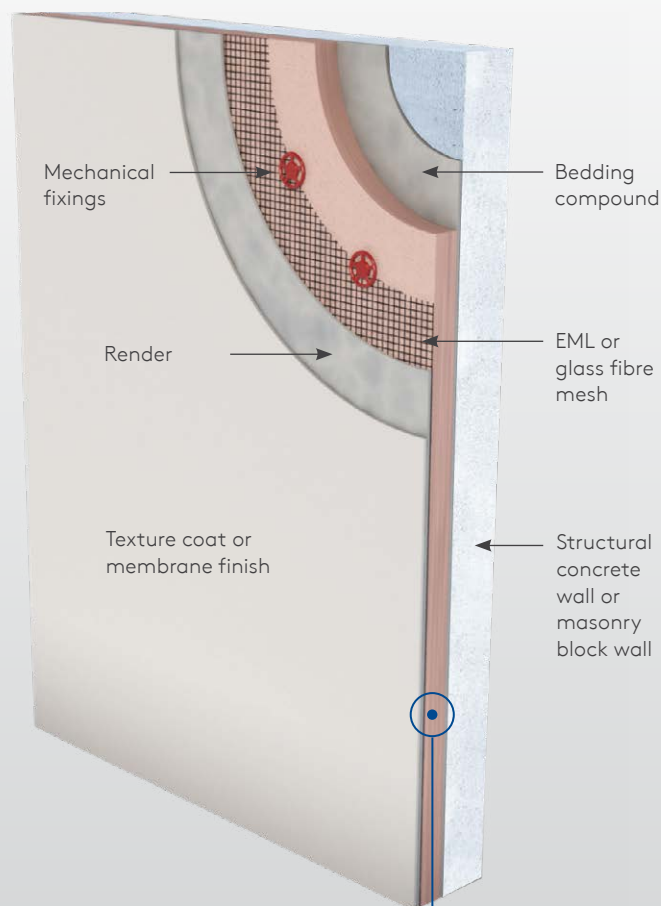
Kooltherm® K5 External Wall Board

Product Description

Kooltherm®

Kooltherm K5 is an external wall insulation board for masonry walls, suitable for use behind traditional and lightweight modified polymer renders. The boards can be retrofitted externally to existing properties without disturbing the occupants as all work is done from the outside.

Kooltherm K5 External Wall Board is manufactured without the use of CFCs/HCFCs and has zero Ozone Depletion Potential (ODP) and low Global Warming Potential (GWP).



- High performance rigid thermoset phenolic insulation
- Fibre-free, closed cell insulation core
- Suitable for use behind traditional and lightweight polymer modified renders
- Transforms and upgrades the appearance of existing buildings
- Resistant to the passage of water vapour
- Easy to handle and install
- Ideal for new build and refurbishment
- No CFC or HCFC used in manufacture
- Has zero ODP and low GWP
- NZBC and AS/NZS 4859.1:2018 compliant

Kingspan Kooltherm®
K5 External Wall Board

Figure 1. Insulated Render System on Concrete and Masonry Block Wall

Fibre-free
Core

Kooltherm® K5 External Wall Board Installation Instructions

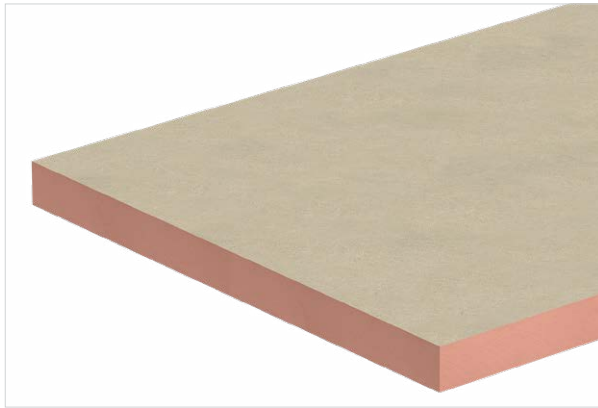


Figure 2. Kooltherm K5 External Wall Board

Kooltherm K5 External Wall Board should only be installed by approved installers and using the render supplier's installation instructions. The chosen render system must be pre-trialed and tested to ensure compatibility with the Kooltherm K5 External Wall Board. It is recommended that polymer modified renders be used for flexibility and adhesion, and that total render coating be at least 6 mm thick for system integrity.

For more information please call Technical Services on 0800 806 595 or email info@kingspaninsulation.co.nz

Handling and Storage

The polythene packaging of Kingspan Kooltherm should not be considered adequate for long term 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 a polythene sheet or weatherproof tarpaulin. Boards that have been allowed to get wet should not be used.

Kooltherm K5 External Wall Board should be protected from getting wet during periods of inclement weather prior to the application of the weatherproof render.



Figure 3. Insulated Render System on a Steel-framed Wall over a Cavity



Figure 4. Insulated Render System on a Timber-framed Wall over a Cavity



Product Warranty

Standard Kingspan Insulation Warranty applies. Refer to Kingspan Insulation Warranty statement for further details. This is available online at kingspaninsulation.co.nz; or call us on 0800 806 595; or email info@kingspaninsulation.co.nz

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Furthermore, as the successful performance of the relevant system depends on numerous factors outside the control of Kingspan (for example quality of workmanship and design), Kingspan shall not be liable for the recommendations in that literature and the performance of the Product. For other applications or conditions of use, Kingspan Insulation offers a Technical Advisory Service, the advice of which should be sought for uses of Kingspan Insulation products that are not specifically described herein. Please check that your copy of the literature is current by contacting us or visiting www.kingspaninsulation.co.nz E&OE

