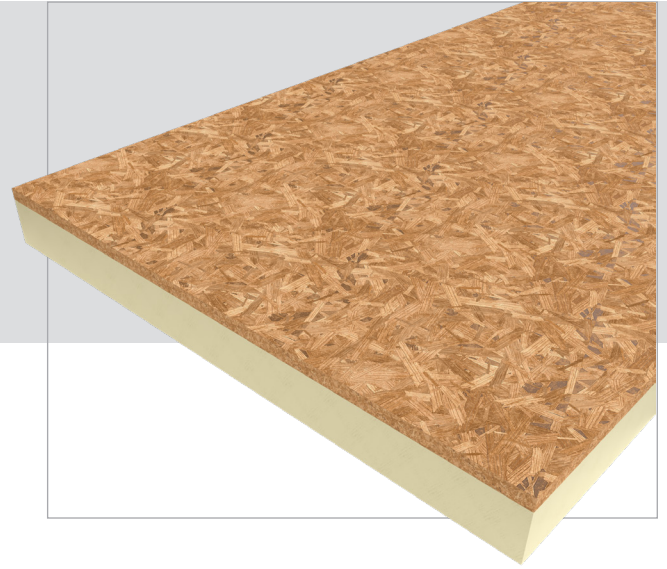




TEKWARM



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INSULATED LOFTDECK

Loft access and storage board.

Tekwarm Insulated Loftdeck is a composite of high performance PIR insulation with tough OSB board that provides safe access into insulated roof spaces.

PRODUCT SIZES

The board size is 1200mm x 600mm (nominal), and the product is available in the following thicknesses:

Insulation Thickness (mm)	R Value (M2k/w)	Approx Weight (kg per board)	Nominal Overall Thickness (mm)
75	3.466	5.38	83
100	4.02	5.92	108

KEY FEATURES

- Provides thermal insulation of ceilings in lofts in conjunction with a mineral wool base layer to provide a walkway or storage area
- 8mm OSB bonded to a PIR board
- Thermal conductivity 0.022 W/mk
- Board Size: 1200mm x 600mm
- Coverage per board: 0.72m²
- Maintains very high insulation values and complies with health and safety guidelines

INSTALLATION & APPLICATION

The following notes are for general guidance only; and your consideration should be given to the design requirements of the local and National Building Regulations to achieve the required thermal performance at the time of installation.

HANDLING

Care should be taken with regards to the manual handling of these products to avoid any strains. If necessary, a risk assessment should be conducted to comply with any site-specific conditions and requirements. Boards should be stored flat in dry conditions preferably inside.

LIMITATIONS OF USAGE

Tekwarm Loftdeck boards are not designed for use in unrestrained applications and should always be secured with mechanical fixings into the supporting joists. Generally ceiling joists are not designed to support floor type loadings, and as such consideration should be given to the levels of load to be imposed. Seek an engineer's expert advice if your intended usage is to be for anything other than for light loads and limited foot traffic.

FIRE

OSB has a class D or E combustibility. PIR boards contains a flame retardant additive.

OZONE DEPLETION POTENTIAL (ODP)

Zero

GLOBAL WARMING POTENTIAL

<5

HEALTH & SAFETY

See separate data sheet

INSTALLATION GUIDE

The supporting joists should be of sufficient dimensions to provide support for the intended usage with the Tekwarm boards been laid transversally to the joists; with the joists providing support at either end (minimum of 20mm onto the end joists) and at the centre. Tekwarm boards should be secured down with screws of sufficient length (4 per board in each corner) to provide a minimum of 30mm of embedment through the loft board into the supporting joist. Care should be taken not to overdrive the screws into the OSB surface.

Care should be taken to avoid installation of the boards over any downlighters, and consideration should be given to the route of any electrical cables to avoid trapping of said cables between the Tekwarm board and the supporting joist.

