

ISSUE 1 2009 IRL

Xtratherm®

More than insulation.

High performance insulated loft boards

Loft Walk-R

Insulated decking

Cost effective thermal solutions

www.xtratherm.com



**Safety tape by others.*






Xtratherm Loft Walk-R is a laminate of high performance PIR insulation with tough moisture resistant chipboard that builds to allow safe access into insulated roof spaces whilst maintaining very high insulation values, and complying with health and safety guidelines.

There is a growing awareness of the benefits of upgrading the energy efficiency of our homes by installing energy efficient measures. One of the easiest and most cost effective measures to take is to insulate the roof space, but consideration must be given to safe access to that roof space once the upgrade has taken place. Building Regulations Part L states -

Providing for access to tanks, services and fittings in the roof space.

"Because the depth of insulation will obscure the location of ceiling joists, provision should be made for access from the access hatch to the cold water tank and other fittings to which access for occasional maintenance and servicing may be required."

Xtratherm Walk-R is the solution for high performance lofts - with safe access.

Existing loft space - insulation between joists only		Upgraded loft space - 2nd layer of insulation over joists		Upgraded loft space - 2nd layer of insulation over joists plus Loft Walk-R access	
Energy Efficient?	No	Energy Efficient?	Yes	Energy Efficient?	Yes
Safe Access?	?	Safe Access?	No	Safe Access?	Yes
					

- Achieves better than 0.16W/m²K target
- T&G jointing long edges
- Superior compressive strength



Application

Xtratherm Loft Walk-R has been developed to provide insulated decking for lofts to allow for maintenance access and storage in roof space areas.

The moisture resistant chipboard is tongued and grooved along the long edge for easy jointing.

Boards should be laid transverse to the joists, (spanning minimum of 4 joists at 400mm centres). Pre-drill the Walk-R panels and secure with wood screws. Screws should penetrate joists by 30mm and be placed no closer than 25mm from any panel corner.

Ensure that no electrical cables are damaged or compressed between the Walk-R panels and the joists. Mark the top of the panels to indicate the positioning of any services below the walkway. Do not over-tighten the screws.

Ceiling joists are not designed to take a floor loading, loads applied should not be excessive. If loading other than maintenance traffic or light storage is required an engineer should be consulted.

Product Data	Joist depth fully filled with fibre insulation
Length	1200mm T&G
Width	600mm SE
Thickness PIR	75mm
Thickness Chipboard	18mm
Thermal Conductivity*	0.023
Compressive Strength*	>120kPa
Tolerance: Length	+/- 7.5mm
Width	+/- 5mm
Thickness	+/- 4mm

* Insulation component only

Xtratherm Loft Walk-R sheets per pallet	20
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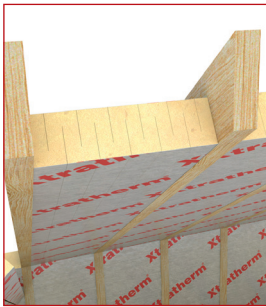
U-values (w/m²K) achieved with 93mm Xtratherm Loft Walk-R			
	Joist depth fully filled with fibre insulation		
	100mm	150mm	225mm
U-value achieved	0.17	0.14	0.12

Compliance with Home Energy Savings Scheme (Ireland): Contractors Code of Practice and Standards and Specifications Guidelines

"In every roof space where cold water tanks or other fitted appliances occur, the Contractor must construct a permanent boarded walkway from the roof access point to the tank ball valve position and / or the appliance location. This walkway should be supported above the first layer of insulation to prevent any compaction of insulation below the walkway."

The Xtratherm range of high performance insulation boards provides the complete solution for newbuild and refurbishment.

Thin-R Sloped Roof Insulation



XT/RLOC

- Effective insulation of roof area
- Width Variable
- Reduced fitting time
- Minimizes intrusion into living area

Thin-R Insulation for Drylining Walls



XT/TL

- High thermal performance
- Drylining & insulation in one fix
- Shorter drying time
- Responsive insulation system

Thin-R Insulation for Drylining Walls



XT/TL-MF

- High thermal performance
- Drylining & insulation in one fix
- Shorter drying time
- Responsive insulation system

Technical Support

The Xtratherm Technical Support team provide a single point of contact to offer assistance on a wide range of issues for both the Designer and Builder and can be contacted by phone, fax or e-mail. Full details of all Xtratherm products, along with full technical literature can be downloaded from the web site at:

www.xtratherm.com

Xtratherm[®]



Zero Ozone
Depletion Potential

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