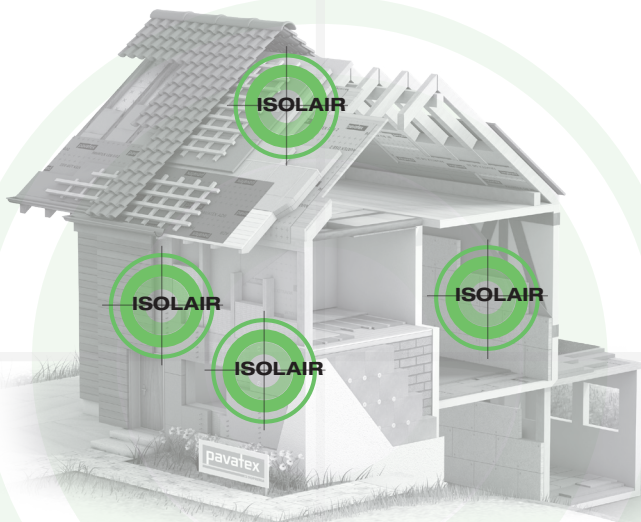


ISOLAIR: ALWAYS ON TARGET

EXCELLENCE THROUGH VERSATILITY

ISOLAIR is a multi-functional, multi-purpose insulation board, manufactured in one of the world's most sustainable and cutting-edge production facilities. True to all natureplus®-certified woodfibre insulation products from PAVATEX, this board is a cornerstone of sustainable, environmentally friendly construction.

ISOLAIR MULTI is a highly versatile solution that delivers more than just the need for insulation. With this one product you can fulfill most requirements in building envelope applications!



Practical example: You are using the tried-and-tested 60 mm ISOLAIR sarking board from PAVATEX for the roof – and now a rendered dormer has been added to the bill. The quick, practical solution: just use the same board as sheathing. It's certified for use in external thermal insulation composite systems.

AREAS OF APPLICATION - ISOLAIR

- ① Pitched roof insulation
- ② External wall insulation for render applications
- ③ External wall insulation (EWI) for cladding applications
- ④ Solid wall insulation for lime plaster and plasterboard applications

ISOLAIR – The high-performance, multi-functional insulation board for the whole building envelope:

- o Moisture control - breathable insulation allows moisture to be controlled within the internal environment
- o Thermal insulation in the winter - Passive-house and beyond thermal performance
- o Summer overheating protection - decrement delays of up to 12 hours are achievable
- o Excellent acoustic insulation - high mass product greatly contributes to airborne and impact sound resistance
- o Unparalleled CO₂ lock-up in excess of -40 Kg CO₂_{eq} / FU (A1-A3) at 0.15 u-value

Multi-functional dimensions:

Thicknesses available : 30, 35, 40, 52, 60, 80, 100, 120, 140, 160, 180, 200

Dimensions: 1880 x 610 mm

Dimensions: 1860 x 590 mm (net)

Extremely easy to install
Boards can be used on both sides, guaranteeing quick installation and minimising cutting wastage

Multi-functional ISOLAIR

The special manufacturing process ensures

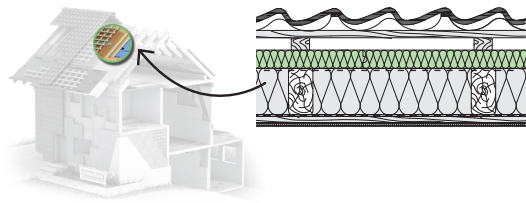
optimal abrasion resistance for the surface of the board

Dry-processed fibreboard with a density of between 145 and 200 kg/m³*1; thermal conductivity between 0.041-0.044 W/mK^{°1}; vapour diffusion resistance coefficient μ 3 - μ 4^{°1}.

High edge stability thanks to the tongue & groove design for fast and efficient installation with little wastage.

*1 Dependant on board thickness

1 ISOLAIR – for pitched roofs

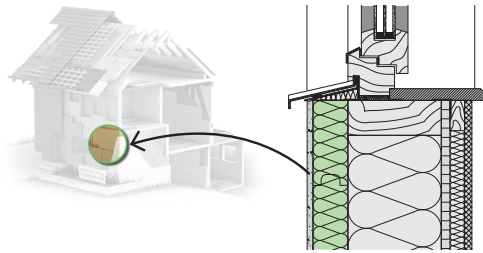


ISOLAIR pitched roof insulation

- + Construction of low-pitched roofs possible (including PAVATEX membrane and sealing products)
- + No need for roofing membranes*
- + Not harmful to bats
- + Rated for sound insulation up to 55 dB
- + Can be left exposed up to 3 months

* Subject to Pitch

2 ISOLAIR – as render carrier

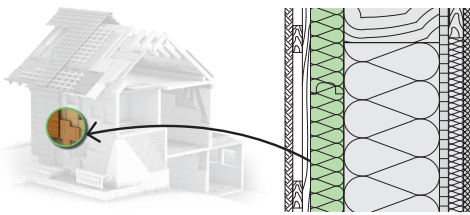


ISOLAIR for EWI render applications

- + For Timber Frame and CLT
- + Stable, all-round tongue-and-groove profile
- + Fire resistance of up to REI90*

* from the outside

3 ISOLAIR – behind cladding

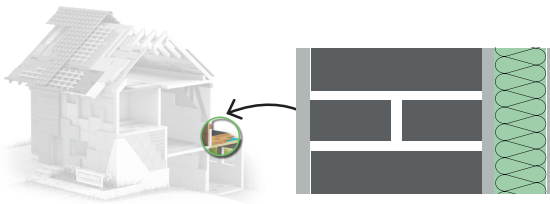


ISOLAIR for EWI cladding applications

- + For Timber Frame and CLT
- + Low thermal bridging through superior detailing
- + Fire resistance of up to REI60*

* from the outside and inside

4 ISOLAIR – for internal wall insulation



ISOLAIR for internal wall insulation (IWI) with lime plaster finish on solid masonry walls

- + Regulates moisture
- + Protects the building fabric
- + External facade remains unchanged
- + Plasterboard finish option available



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