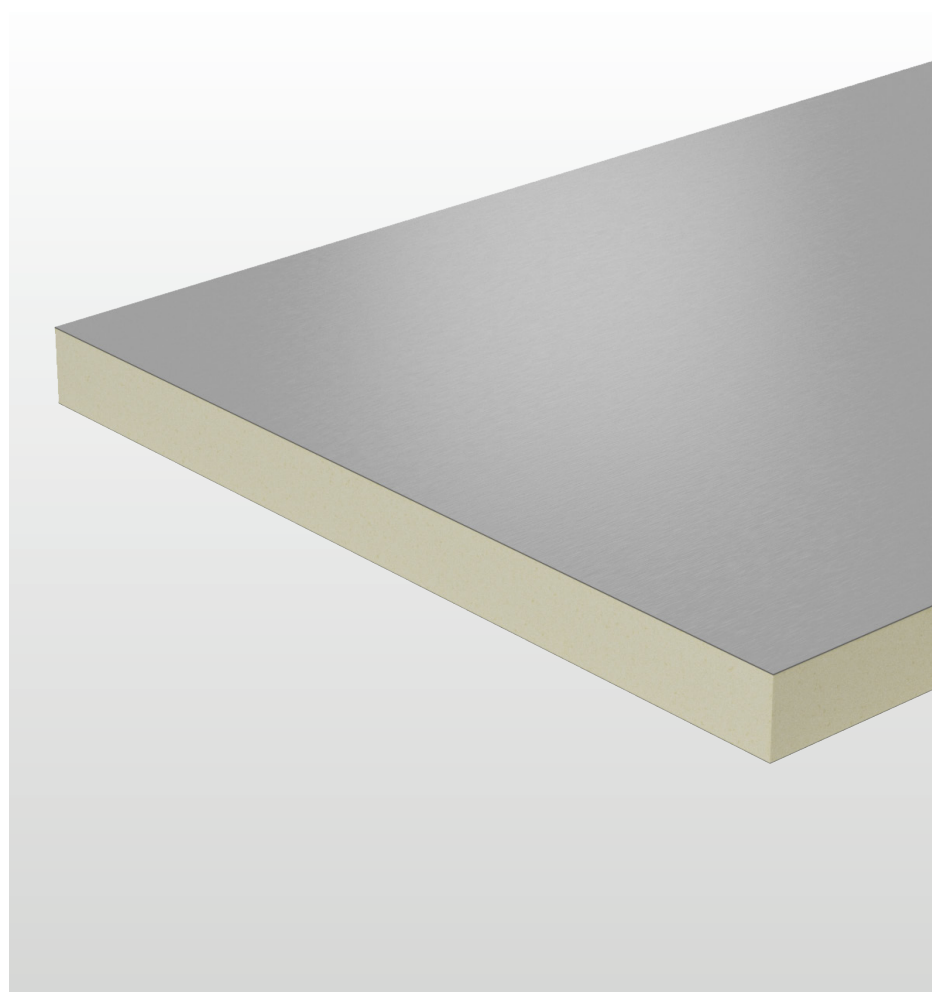




# Panel PIR F ALK

## Technical Data Sheet

Insulation for flat roofs waterproofed with mechanically-fixed single-ply waterproofing systems



- Rigid PIR insulation with thermal conductivity as low as  $0.023\text{W}/(\text{m}\cdot\text{K})$  at  $10^\circ\text{C}$  (EN 12667:2001) (in accordance with EN 13165: 2012 + A2: 2016)
- FM Approved to FM 4470 Examination Standard for flat roof solutions
- Easy to handle and install

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# Product Information

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## Product Description

Panel PIR F ALK is a rigid PIR flat roof insulation board faced on both sides with a composite aluminium foil facing. It is fully compatible with mechanically-fixed single-ply waterproofing systems. Suitable for new build and refurbishment projects. Panel PIR F ALK is easy to handle and install. Its installation technique makes it an appropriate flat roof insulation solution for fast track building programs.

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## FM Approval

Panel PIR F ALK is certified to Examination Standard FM 4470 for flat roof solutions. Not all thicknesses and sizes are covered by the FM Approval.



Further details of the FM examination listing for Panel PIR F ALK is published on the FM Approvals Approval Guide website at: [www.roofnav.com](http://www.roofnav.com).

To view the listing, search Keyword: Panel PIR F ALK. Please contact the Kingspan Insulation Technical Services department for further confirmation.

## Technical Specifications

Property	Value	Test Standard
Product Dimensions (L x W) (mm)	2285 x 1195 (For other dimensions, please consult the technical department.)	
Product Thickness (mm)	Refer to Kingspan Insulation for current stock and non-stock sizes.	
Thermal Conductivity at 10°C (W/(m.K))	0.023	EN 12667:2001 (in accordance with BS EN 13165: 2012 + A2: 2016)
Compressive Stress at 10% Deformation (kPa) (Thickness < 50 mm)	≥ 175	EN 826:2013
Compressive Stress at 10% Deformation (kPa) (Thickness ≥ 50 mm)	≥ 200	EN 826:2013
Water Absorption (%) (120mm)	≤ 1	EN 12087:2013

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# Contact Details

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## Asia Region

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