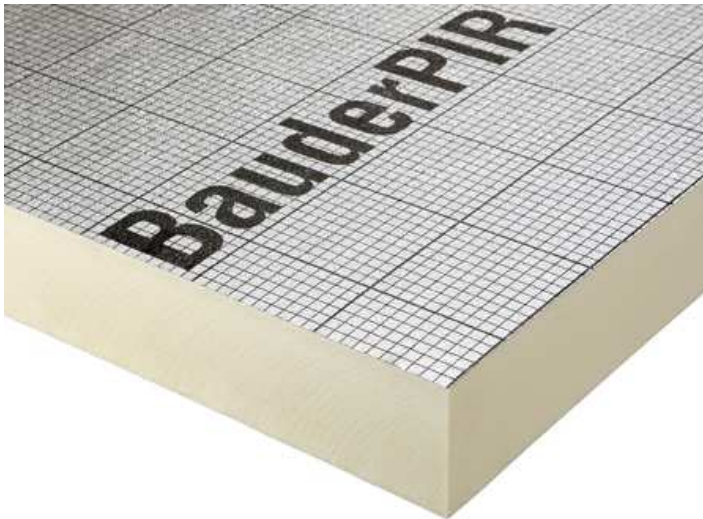


## PRODUCT DATA SHEET

### BauderPIR FA-TE Flatboard Insulation

An extremely efficient PIR insulation board with aluminium foil facing on both sides. The top facing features a printed grid pattern to aid site cutting. It is lightweight and has zero ozone depletion potential.



#### Intended Use

For use within Bauder warm roof systems to provide efficient thermal insulation.

This product has been specially developed for use with Bauder self-adhesive underlayers to allow a superior bond strength, whilst also providing immediate protection against rain showers.

PRODUCT INFORMATION		
Weights and Sizes	Unit	Value
Length	m	1.2
Width	m	0.6
Thickness	mm	30, 40, 50, 60, 80, 100, 120, 140, 160
Weight	kg/m <sup>3</sup>	30

SURFACE FINISHES	
Top & Bottom:	Aluminium foil

TECHNICAL PERFORMANCE			
Characteristic	Test method/ Classification	Unit	Value
PIR index			> 250 (Extremely high dimensional stability)
Thermal conductivity		W/mK	0.022
Compressive strength	EN 826	N/mm <sup>2</sup>	≥ 0.12
Compressive creep	EN 1606	N/mm <sup>2</sup>	0.024
Reaction to fire	EN 13501-1		E
Dimensional stability	EN 13165: 2012+ A1: 2015		DS (70,90) 3 DS (-20,-) 2

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## PRODUCT DATA SHEET

<b>CERTIFICATION AND ENVIRONMENTAL INFORMATION</b>	
BBA Certificate	16/5365
Environmental Product Declaration (EPD)	EPD-IVP-20140207-IBE1-EN
International Standards Organisation (ISO)	ISO 9001:2015 Quality Management Certificates EN1271 (UK) and 70499/03-15_e (Germany)  ISO 14001:2015 Environmental Management Certificates A10552 (UK) and 70499/03-15_d (Germany)  ISO 50001: 2011 Energy Management Certificate 70499/03-15_c (Germany)
BRE Green Guide generic product rating	A (element number 1415320205)
Ozone depletion potential (ODP)	Zero
Global warming potential (GWP)	<5 kg CO <sub>2</sub> -Eq./kg

<b>INSTALLATION GUIDANCE</b>
Refer to relevant installation manual.

Bauder reserves the right to amend information and product specifications without prior notice. All reasonable care has been taken to ensure that all data is current at the time of print, however because Bauder pursues a policy of constant development we recommend ensuring that your copy of this information is current by contacting our Technical Department at [technical@bauder.co.uk](mailto:technical@bauder.co.uk).

Recommendations for use should be verified as to the suitability and compliance with actual requirements, specifications, installation techniques and any applicable laws and regulations.

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