

## PRODUCT DATA SHEET

**BauderPIR FA Tapered 1:60 (1.6%)**

An extremely efficient PIR foil faced insulation board. It is lightweight with a high compressive strength and has zero Ozone depletion potential.

**Intended Use**

For use within Bauder warm roof systems to provide effective drainage as well as having efficient thermal insulating properties.

**PRODUCT INFORMATION**

<b>Weights and Sizes</b>	<b>Unit</b>	<b>Value</b>
Length	m/mm	1.2/1200
Width	m/mm	1.2/1200
Thickness	Board no. in mm	1 = 30/50, 2 = 50/70, 3 = 70/90, 4 = 90/110, 5 = 110/130, 6 = 130/150, 7 = 150/170, 8 = 170/190
Gradients	ratio	1:60
Weight	kg/m <sup>3</sup>	30 minimum

**SURFACE FINISHES**

Top & Bottom:	Foil
---------------	------

**UNITED KINGDOM**

Bauder Ltd  
70 Landseer Road, Ipswich, Suffolk IP3 0DH  
T: +44 (0)1473 257671 E: [info@bauder.co.uk](mailto:info@bauder.co.uk)  
[bauder.co.uk](http://bauder.co.uk)

**IRELAND**

Bauder Ltd  
O'Duffy Centre, Carrickmacross, Co. Monaghan  
T: +353 (0)42 9692 333 E: [info@bauder.ie](mailto:info@bauder.ie)  
[bauder.ie](http://bauder.ie)

## PRODUCT DATA SHEET

TECHNICAL PERFORMANCE			
Characteristic	Test method/ Classification	Unit	Value
PIR index		N/A	> 250 (Extremely high dimensional stability)
Thermal conductivity	EN 13165	W/mK	0.022
Reaction to fire	EN 13501-1	N/A	Class E, (B2 according to DIN 4102 - 1)
Dimensional stability	EN 13165	N/A	DS (70,90) 3 DS (-20,-) 2
Water absorption	DIN EN 12087	Vol %	Max. 3

CERTIFICATION AND ENVIRONMENTAL INFORMATION	
BBA Certificate	16/5365
Environmental Product Declaration (EPD)	EPD-IVP-20160147-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)
Ozone depletion potential (ODP)	Zero
Global warming potential (GWP)	<5 Kg CO <sub>2</sub> -Eq./Kg

INSTALLATION GUIDANCE
Refer to the Bauder Installation Manual for guidance.

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.

**UNITED KINGDOM**

Bauder Ltd  
70 Landseer Road, Ipswich, Suffolk IP3 0DH  
T: +44 (0)1473 257671 E: [info@bauder.co.uk](mailto:info@bauder.co.uk)  
[bauder.co.uk](http://bauder.co.uk)

**IRELAND**

Bauder Ltd  
O'Duffy Centre, Carrickmacross, Co. Monaghan  
T: +353 (0)42 9692 333 E: [info@bauder.ie](mailto:info@bauder.ie)  
[bauder.ie](http://bauder.ie)