

# DECLARATION OF PERFORMANCE



No:	039694520059
1. Unique identification code of the product-type:	Bauder JFRI Upstand Insulation Grades EPS 200
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4) of the CPR:	Bauder JFRI Upstand Insulation
3. Intended use or uses of the construction product, in accordance with the harmonised technical specification, as foreseen by the manufacturer:	EPS (uniform thickness) insulation with a 9mm magnesium based board finish for use in vertical upstand detail protection for inverted flat roofs
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):	Bauder Ltd 70 Landseer Road Ipswich Suffolk IP3 0DH
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):	Not Applicable
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:	AVCP System 3
7. In case of the declaration of performance of the construction product covered by a harmonised standard: - name and number of notified body:	British Board of Agrément; BRE (RtF) 9mm magnesium board finish not covered by harmonised standard. Third party material characterisation by CERAM Ref:132179
- performed:	Reaction to Fire Thermal Conductivity Compressive Strength
- under system:	System 3
- and issued:	Test report on application

## Declared Performance

Essential Characteristic	Performance	Harmonised technical standard
Reaction to Fire	Euroclass E	BS EN 13501-1:2007
Durability of RtF against ageing / degradation	Fire performance of EPS does not deteriorate with time	BS EN 13163:2012
Reaction to fire (9mm board)	A1 Non-Combustible	BS EN 13501-1:2007
Thermal Conductivity - Declared	0.033W/mK	BS EN 13163:2012
Thermal Resistance	See table 3	BS EN 13163:2012
Compressive Strength at 10% deformation	200 kN/m <sup>2</sup>	BS EN 12086:2013
Dimensional stability	DS(70,90)1	BS EN 1604:1997
Long-term water absorption by diffusion	WD(V)3	BS EN 12088:1997
Long-term water absorption by immersion	WL(T)2	BS EN 12087:1997
Compatibility with other components	On application	-

## Thermal Resistance

Nominal Board Thickness	Thermal Resistance m <sup>2</sup> K/W
59	1.50
84	2.20
109	2.95

The performance of the product identified in points 1 and 2 is in conformity with the declared performance.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

On behalf of the manufacturer by:



Paul Felgate, R&D Manager

1<sup>st</sup> May 2014