

## TECHNICAL DATA SHEET

### Bauder JFRI(300) Inverted Insulation

#### DESCRIPTION

An environmentally friendly, high performance rigid expanded polystyrene insulation, which is very lightweight and has a high compressive strength. The product is resistant to the passage of water and will not degrade. The product is rebated on all four sides to ensure thermal continuity. It is CFC and HCFC free, with a Global warming potential less than 5Kg CO<sub>2</sub>.

This product is for use with inverted (protected membrane) roof constructions and can be used with a variety of Bauder waterproofing systems.

#### TECHNICAL DATA:

##### Weights and sizes

Board width:	1215mm (inc. 15mm rebate)
Board length	1215mm (inc. 15mm rebate)
Available thickness:	100, 120, 140, 160, 180, 200, 230, 240mm
Weight:	40Kg/m <sup>3</sup>

##### Surface finish

Top:	Un-faced
Bottom:	Un-faced
Colour:	White

##### Technical performance

Declared thermal conductivity:	0.033W/mK
Design thermal conductivity:	0.038W/mK
Compressive strength:	0.30N/mm <sup>2</sup> at 10% nom. Compression
Compressive creep:	0.09N/mm <sup>2</sup> at 2% compression

##### Environmental Information

Ozone Depletion Potential:	Zero
Global Warming Potential:	<5 Kg Co <sub>2</sub> Eq./Kg
Generic BRE Green Guide Rating:	A ( <a href="http://www.bre.co.uk/greenguide">www.bre.co.uk/greenguide</a> element number 1315320001)

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