

TECHNICAL DATA SHEET

Bauder Profiled Polystyrene Insulation

DESCRIPTION

A rigid expanded polystyrene insulation for use as a refurbishment board directly over existing profiled metal roof systems. This allows a thermal upgrade to the roof whilst providing a suitable surface for Bauder single ply membrane waterproofing.

A bespoke profile is formed on the underside, tailored to suit each individual roof project. The insulation is very lightweight and has a high compressive strength. It is resistant to the passage of water and will not degrade. It is CFC and HCFC free, with a Global warming potential less than 5Kg CO₂.

TECHNICAL DATA:

Weights and sizes

Board width:	1220mm Max.
Board length	2440mm Max.
Available thickness:	Various to suit project requirement

Surface finish

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

Technical performance

Thermal conductivity:	0.035W/mK
Compressive strength:	0.15N/mm ² at 10% compression

Environmental Information

Ozone Depletion Potential:	Zero
Global Warming Potential:	<5 Kg Co ₂ Eq./Kg
BRE Green Guide Rating:	A+



UNITED KINGDOM

Bauder Ltd

70 Landseer Road
Ipswich Suffolk England IP3 0DH
T: +44 (0)1473 257671 E: info@bauder.co.uk
bauder.co.uk

IRELAND

Bauder Ltd

O'Duffy Centre Cross Lane Carrickmacross
Co. Monaghan Ireland
T: +353 (0)42 9692 333 E: info@bauder.ie
bauder.ie