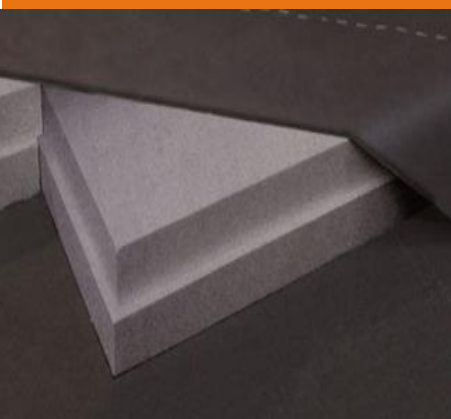


Contractor UPDATE

Date: July 2021
No: 202106



Introduction of JFRI PREMIUM Inverted Insulation Range

Bauder are pleased to announce, as part of our on-going commitment to providing up to date waterproofing and insulation solutions, the latest addition to our Inverted Insulation range available to all our Approved Contractors.

Bauder JFRI PREMIUM is an environmentally friendly, high performance rigid expanded polystyrene (EPS) insulation with improved thermal conductivity. It is lightweight and has a high compressive strength. 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 CO₂ Eq./kg.

This product is for use with inverted (protected membrane) roof constructions and can be used with **Bauder Hot Melt, Bituminous Membrane and LiquiTEC Cold Applied Systems.**

It will replace our current *core* **JFRI Inverted Insulation** offer boasting higher performance and project winning cost effectiveness.

Intended Use

This product can be used in conjunction with **Bauder JFRI Upstand Board, BauderROCK NC 56mm Upstand Board, BauderGLAS Upstand Insulation** and our **Bauder JFRI WFRL**. It can be used in Hard and Soft Landscaping situations.

Advantages

Cost effective solution via improved lambda values.
Gives specifiers greater design flexibility on all roof areas.

Why are we changing?

Flat roof insulation options are having to adapt to ever changing priorities within construction. This affects not only our warm roof but also our inverted insulation business.

The construction industry now requires insulants that have high performance, come in ever reducing thicknesses and are non-combustible.

Luckily, as a company Bauder has options that fit in to these categories, but it pays to keep an eye on the competition and improve when and where we can.

Directly affecting us within our inverted roof insulation business are major changes that have been made by a few of our competitors within certain high performing XPS variants. The introduction of the **Bauder JFRI PREMIUM** range gives us the best performance within our Inverted EPS Insulation range.

Contractor Update cont...

So why specify JFRI PREMIUM?

Simple, **JFRI PREMIUM** offers significant thermal performance gains over our current range which enables us to specify thinner build ups for the same given U value, giving the specifier exactly what they want when creating modern buildings under today's tough design parameters.

Reduced thicknesses also give us a competitive advantage, particularly over our XPS competitor's standard grade.

Is this range covered by a BBA or KIWA certificate?

Bauder JFRI PREMIUM is not BBA Approved, it has a KIWA Certificate. A copy of this certificate can be found in Acronis Access.

So, who are KIWA?

KIWA are a European verification house which amongst many things have verified many construction insulants. The KIWA BDA Agrément® process is designed to underpin the "safety and fitness for purpose" of products destined for the UK construction market, exactly the same as the BBA process.

KIWA are endorsed as a testing house by NHBC, LABC etc.

Are the changes across all variants?

No, we will be replacing JFRI (200) HP with Bauder PREMIUM+ and JFRI (300) with JFRI PREMIUM (300).

JFRI (500) and JFRI (600) remain as part of the standard range.

What thickness of boards are available?

Single layer boards are available from 50 to 240mm.

Your ATM will be able to advise on all build ups whether single or 2 layer to suit all specified u value requirements.

Can I get u value calculations for the Bauder JFRI PREMIUM range?

Absolutely, we actively encourage this. Contact your ATM to arrange a specific calculation and general guidance.

What Bauder Waterproofing Systems are compatible with Bauder JFRI PREMIUM Inverted Insulation?

Bakor Hot Melt, BTRS+, BTRS, Bauderflex and LiquiTEC are suitable for use with Bauder JFRI PREMIUM Inverted Insulation.

Contractor Update cont...

What happens if I have hard and soft landscaping on the same roof area?

KIWA separate hard and soft landscaping by calculating with different moisture correction factors.

For **Hard landscaped roofs** ballasted by gravel ballast or paving on spacer pads they use a moisture correction factor of 1.

This is providing the ingress of moisture is limited and moisture between the insulation boards will be drained and can evaporate.

For **Soft landscaped roofs** ballasted by brown and extensive green roofs they use a moisture correction factor of 1.04

The increased moisture correction value is used because the drying of the insulation will be hindered, (no evaporation of moisture), by the green roof layers.

This is why each PREMIUM range variant will have a different lambda value for hard or soft landscaping, as seen on our PDS covering the range.

Example

Using **JFRI PREMIUM+** as an example requiring a 0.13 u value, we would have a 225mm thickness for Hard Landscape and 240mm thickness for Soft Landscape. Our standard JFRI (200) HP would require 255mm. This demonstrates significant thickness savings on Hard Landscaping and smaller thickness savings on Soft Landscaping.

So, what if the roof area contains both hard and soft landscaping. This may create issues with detailing, levels etc. If this is the case, we will carry out a weighted calculation for you. Again, this can be organised via your ATM. A weighted calculation will give you a uniform thickness for the whole roof area concerned.

Where can I find Bauder JFRI Premium Inverted Insulation Product Data Sheets?

All **PDS** for this product range are available on the Bauder Web Site or via your ATM.

What happens to our current range of Bauder JFRI Inverted Insulation?

The current range of **Bauder JFRI Insulation** will still be available for supply on existing specifications, but our intention is to completely phase it out over the next 12 months.

From June 2021, all new **Bauder Inverted Roof** Specifications will be written to include the new **Bauder PREMIUM Inverted Insulation** range.

Contractor Update cont...

How do I get prices for the Bauder JFRI PREMIUM range?

Currently we are treating pricing of the range as POA. Prices can be obtained via your ATM as normal.

Prices will be given as a standard 90-day quotation, if you require longer please make this clear to your ATM when asking for prices.

Are Lead Times, better or worse for the Bauder JFRI PREMIUM range?

Lead times are exactly the same as for our current offer. 7 – 10 working days.

Are there any installation, handling and packaging changes for the JFRI PREMIUM Insulation Range?

No, they are exactly the same as for our current offer.

Hopefully the above has covered off most of the questions that you may have.

In the event that it hasn't any questions should be directed to:

Andrew Harper
Hot Melt Product Manager
07469 853264
a.harper@bauder.co.uk