

Contractor UPDATE

March 2024
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BauderECO FF Flatboard Insulation

Introducing our 'biomass based' flatboard warm roof insulation — BauderECO FF

Bauder are pleased to announce as part of our continued commitment to provide sustainable products, we are launching BauderECO FF flatboard warm roof insulation.

BauderECO FF flatboard insulation is available from March 7th 2024.

We are launching ECO FF at **Futurebuild** from 5-7th March. Following the initial launch, we will be looking to have a full presentation launch to our Approved Contractors at Regional Technical Events later this year, which will include additional technical updates. Further information regarding these events will be circulated to you once venues, and dates have been confirmed. Watch this space...

Characteristics of ECO FF:

BauderECO FF is a rigid foam thermoset Polyisocyanurate (PIR) board for the thermal insulation of flat roofs. The boards consist of a 80% biomass balanced insulation core resulting in a lower embodied carbon compared to most other insulants. ECO FF also contains recycled raw materials from milling/sawing (1%) and utilises calcium carbonate from crushed shell which is waste from the food industry, incorporated with a glass fleece for the facing on both sides. The insulation board has rebated edges to reduce the risk of thermal bridging at the board joints.

The insulation can be used on a variety of deck types and with a range of appropriate Bauder waterproofing systems. The insulation can be adhered to the AVCL or mechanically fixed through to the deck.

Which waterproofing systems can currently be used with ECO FF?

- Bauder Total Roof System (BTRS) & Bauder Total Green Roof System (BTGRS).
- Thermofol mechanically fixed.

What thicknesses of ECO FF are available?

ECO FF is currently only available in 3 thicknesses: **80mm, 125mm & 160mm**. Where 30mm of insulation is required for upstands, FA-TE insulation should be used.

Is ECO FF available in tapered?

ECO FF will **only** be available in flatboard for the initial launch. We are looking at future developments within our tapered offering, which we will update you on when we have further information regarding this.

Pricing

ECO FF is price on application (please contact your local Area Technical Manager) and in conjunction with Bitumen and Thermofol systems only.

Please note that, when pricing for direct loads, this product is only available with full loads of insulation and not in conjunction with rolls of membrane.

Technical Data Sheet

The Technical Data Sheet is attached with this update and is also available upon request.

Specifications

Specifications using ECO FF Insulation will start to appear over the coming weeks.

Testing & Certification

ECO FF has successfully been wind uplift tested to TR005 with our BTRS system and Thermofol mechanically fixed system.

ECO FF has also successfully been fire tested and achieved B_{ROOF}(t4) with our BTRS system and Thermofol mechanically fixed system.

BBA Certification - we are currently going through the process with BBA to have the product certified upon successful verification. We will give an update once we have successfully completed this process.

Installation

- ECO FF boards can be cut with a handsaw.
- PU Tin adhesive should be used to bond to all types of AVCL and for board to board where there is more than one layer.
- A layer of Activator-Primer should be used on the top facing of the uppermost board prior to installing self-adhesive underlayer for the BTRS system.

Health & Safety

Information regarding handling, storage and disposal of this product can be found on the latest version of the product Safety Data Sheet, which should be consulted before use.

Further information

For further information regarding ECO FF, please contact you local Area Technical Manager.

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