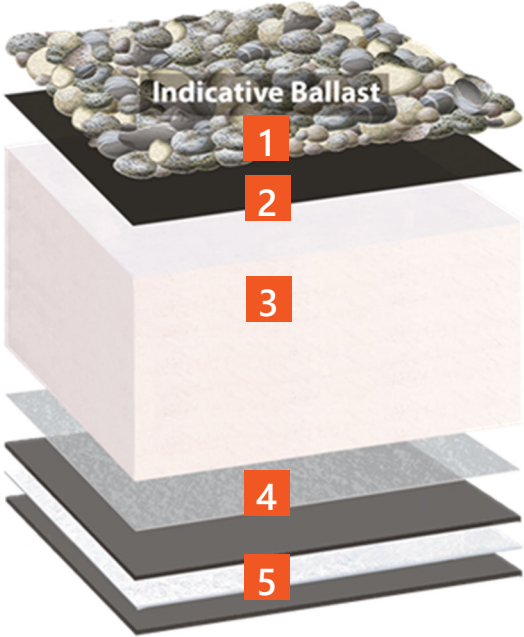


## Liquid applied inverted roof covering system - cold applied

### Bauder LiquiTEC Inverted Roof System

Two coat PMMA waterproofing with polyester fleece reinforcement, cold applied liquid inverted roof system, suitable for new build, refurbishment, and green roof applications. Used primarily on concrete decks in roofs such as paved, podium, plaza and ballasted applications.

	Function	Product name	Thickness (mm)	Weight (kg/m <sup>2</sup> )	Inverted roof indicative build-up 
1	Ballast or vegetation	Installed to achieve a permanent minimum load of 80Kg/m <sup>2</sup> , to anchor the insulation in high winds / heavy rainfall	Project specific	Project specific	
2	Water Flow Reduction Layer	Bauder JFRI WFRL	0.45	0.1	
3	Insulation (0.15)	JFRI PREMIUM+ Insulation	215	6.45	
4	Filter fleece	Bauder Filter Fleece fine mesh polypropylene fleece geotextile used as a separation layer	1	0.125	
5	Waterproofing	Bauder LiquiDEK applied in 2 coats, reinforced with 110g Reinforcement Fleece	2	3.11	
	Primer	Varies depending upon substrate type – please refer to specification	nominal	nominal	
<b>System Build-up (excluding ballast)</b>			<b>218.45</b>	<b>9.79</b>	
In-depth and up-to-date product specific technical data is available for each element within a system. Download from our website <a href="http://bauder.co.uk/technical-centre">bauder.co.uk/technical-centre</a>					

# System summary

## Characteristics of the system

- Quick curing polymethylmethacrylate system
- Seamless cold applied liquid.
- Root resistant waterproofing.
- Solvent, halogen and isocyanate free
- Comprehensive guarantee packages to meet project requirements.

## Accreditations and approvals



System variations are available to the specifier so that a tailored solution meets the needs of the building. The selection of products should be confirmed with our technical department to ensure suitability for the individual construction requirements of the flat roof.

E: [technical@bauder.co.uk](mailto:technical@bauder.co.uk)

T: 01473 257671

## OPTIONS AVAILABLE

In-depth and up-to-date product specific technical data is available for each component within a system. Download from our website [bauder.co.uk/technical-centre](http://bauder.co.uk/technical-centre)

### Membrane finish colours for exposed details if required.

LiquiDEK and LiquiDETAIL is Blue Grey (RAL 7031) as standard.



Blue grey  
RAL 7031



Stone grey  
RAL 7030



Traffic grey  
RAL 7043

JFRI PREMIUM + Insulation thickness (based on stone ballast)	Approx. 'U' VALUE (W/m <sup>2</sup> K)	Weight (kg/m <sup>2</sup> )
180mm	0.18	5.40
215mm	0.15	6.45
290mm (145mm + 145mm)	0.11	8.70

Approx. 'U' VALUE (W/m<sup>2</sup>K) assuming concrete or timber deck and does not take into account any materials below the deck. Includes 10% correction factor as recommended by BS 6229

JFRI PREMIUM + Insulation thickness (based on soft landscaping)	Approx. 'U' VALUE (W/m <sup>2</sup> K)	Weight (kg/m <sup>2</sup> )
190mm	0.18	5.70
230mm	0.15	6.90
310mm (155mm + 155mm)	0.11	9.30

Includes 10% correction factor as recommended by BS 6229

# System summary



Alternative insulation to achieve 'U' VALUE 0.15 (W/m <sup>2</sup> K) (based on stone ballast)	Thickness (mm)	Weight (kg/m <sup>2</sup> )
Bauder XPS (300) (125mm + 125mm)	250	7.5
BauderGLAS Inverted Insulation (90mm + 180mm)	270	27

Approx. 'U' VALUE (W/m<sup>2</sup>K) assuming concrete or timber deck and does not take into account any materials below the deck.  
Includes 10% correction factor as recommended by BS 6229

## System fire performance

Please contact the Bauder Technical Dept to check if the system assembly stated has an independently tested performance against fire or are deemed to satisfy approval.