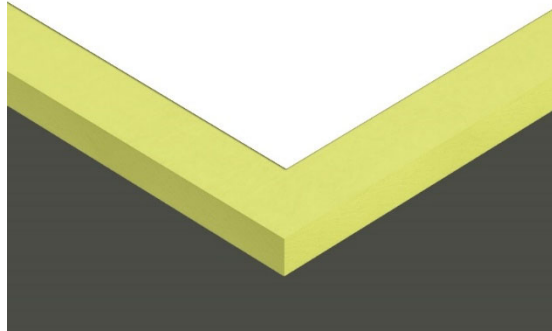


TECHNICAL DATA SHEET

## BauderXPS WFRL (Water Flow Reducing Layer) Membrane

**Product Description** – Flexible non-woven polyethylene membrane. UV stabilized to reduce degradation by sunlight. Resistant to passage of liquid water. Membrane is breathable, therefore will not create a condensation trap within the construction. Minimizes insulation thicknesses required to achieve specified u-values by reducing the cooling effect of rainwater build up between waterproofing and insulation.



**Application Fields** - It is supplied as part of the BauderXPS (300) Inverted Insulation System, situated on top of the inverted insulation and under the specified surfacing.

For a comprehensive specification contact Bauder technical department.

PRODUCT INFORMATION AND TECHNICAL PERFORMANCE			
Characteristic	Test Method	Unit	Value
Width	BS EN 13111	m	3.0
Length	BS EN 13111	m	100
Thickness	BS EN 13111	mm	0.17
Weight	-	kg/m <sup>2</sup>	0.067
Weight per roll	-	kg	20
Water vapour resistance	BS EN ISO 12572	MNs/g	0.01
Reaction to fire	BS EN 13501-1		Euroclass E
Properties in relation to fire	European Commission Directive 2000/553/EC		Unrestricted with stone, screed, or paving cover (BBA Certificate 14/5102 Section 8 Properties in relation to fire)
SURFACE FINISH/COLOUR			
Top	-	-	White
Bottom	-	-	White

CERTIFICATION AND ENVIRONMENTAL INFORMATION	
BBA Certificate No	14/5102
Environmental Product Declaration (EPD)	-
Declaration of Performance (DoP)	1000.CPR.2013.Aquazone.004
Declaration of Conformity (DoC)	-
International Standards Organisation (ISO)	ISO 9001:2015 Quality Management Certificates No 0001QMS-1  ISO 14001:2015 Environmental Management Certificates No 0001EMS
Recyclability	100%

## TECHNICAL DATA SHEET

### INSTALLATION GUIDANCE

BauderXPS WFRL Membrane should be loose-laid over the insulation.

Where one run of membrane overlaps another, there should be minimum 300 mm side and end laps.

Upper layers of the membrane should be laid over lower layers to ensure water penetration is minimised.

At junctions, e.g. upstands, parapets and penetrations, BauderXPS WFRL Membrane should be turned up to finish above the surface of the ballast or paved layer.

BauderXPS WFRL Membrane should be carefully cut and sealed at drainage outlets and penetrations.

BauderXPS WFRL Membrane should be turned up at the edges of the roof insulation and terminated at the level of the surfacing finish.

Bauder recommends that roofs be designed such that they avoid standing water.

Cutting should be carried out using a sharp knife.

### TRANSPORT

BauderXPS WFRL is generally transported with related BauderXPS products on artic or rigid vehicles. Smaller specialist vehicles such as rigid/moffett/flat bed/pump truck & tail lift are available.

It is also possible to send BauderXPS WFRL via overnight courier.

### PRODUCT STORAGE GUIDANCE

The product should be stored dry, protected against weathering, and must not be exposed to temperatures exceeding 35°C. The products must not be exposed to a direct naked flame or other ignition sources, or to solvents or other chemicals. Ensuring the product(s) are clear of buildings and any other storage areas.

Damaged product must not be used.

### PACKAGING MATERIAL

The polyethylene packaging of BauderXPS WFRL, which is recyclable, should not be considered adequate for outdoor protection and is delivered to site on pallets.

### HANDLING/PPE

All persons using this product should be fully aware of the manual handling methods as roofing materials are heavy and can cause serious injury. When using this product, installers should be provided with, and wear, suitable personal protective equipment. There are no requirements for special PPE when installing or cutting BauderXPS WFRL.

### SHELF LIFE

When stored correctly, the product has no stated shelf life.

### DISPOSAL GUIDANCE

Off-cuts need to be disposed via an authorised disposal contractor to an approved waste disposal site, observing all relevant regulations. (European waste catalogue EWC number 17 02 03 "Plastic").

### RE-USE OPTIONS OF PRODUCT

BauderXPS WFRL is recyclable.

### FURTHER INFORMATION/DOCUMENTS

Current documents such as brochures, installation guides, etc can be found by visiting [www.bauder.co.uk](http://www.bauder.co.uk)

**Safety Data Sheets are designed to provide the necessary information to recipients of substances and mixtures in the EU & UK. This product is classed as an article; therefore, this product does not have a requirement for a Safety Data Sheet.**



Can be found via the website