

Technical data sheet

BauderFLEX G4E

Roofing membrane



04/06/2024

Product description	Elastomer bitumen, torch-on underlayer.		
Application fields	Underlayer in a flat roof system. Can be used adhered on a variety of appropriately prepared substrates and insulants.		
Surface	top:	mica	
	bottom:	Thermofusible polyethylene	
Reinforcement type and weight	glass lattice 200 g/m ²		
Article number	1750 0000		

Characteristic	Test method	Unit	Value
Length	EN 1848-1	m	7,5
Width	EN 1848-1	m	1
Thickness	EN 1849-1	mm	4
Mass per unit area	-	kg/m ²	4,8
Straightness	EN 1848-1	mm/10m	<20
Reaction to fire	EN 13501-1	-	E
Watertightness	EN 1928	-	passed
Flexibility at low temperature top	EN 1109	°C	≤-30
Flexibility at low temperature bottom	EN 1109	°C	≤-30
Flow resistance at elevated temperature top	EN 1110	°C	≥110
Flow resistance at elevated temperature bottom	EN 1110	°C	≥110
Max. tensile force length	EN 12311-1	N/50mm	≥1200
Max. tensile force transverse	EN 12311-1	N/50mm	≥1200
Elongation at max. tensile force length	EN 12311-1	%	≥2
Elongation at max. tensile force transverse	EN 12311-1	%	≥2
External fire performance	CEN/TS 1187	-	Product has been fire tested as part of a system assembly and this information can be obtained in the Fire Test Report available from Bauder Ltd.

Installation guidance

The membrane can be used as temporary waterproofing prior to application of the capping sheet, but has no UV resistance. If the membrane is left exposed after a maximum period of 6 months, the membrane should be



Notified body: GPB, 1724
EN 13707, EN 13969



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	inspected, then covered by the additional capping sheet.
Product storage guidance	Store the materials outdoors, on end/upright and off the ground with suitable robust UV resistant, flame-retardant tarpaulin. Ensure the product(s) are clear of buildings and any other storage areas. Where there are storage containers on site, these may be suitable for storing products.
Pallet size	Pallet size =20 rolls/150m ² per pallet
Storage temperature range	+5°C to +30°C
Packaging material	The product will be delivered on wooden pallets with plastic overwrap to protect the product. Each roll has a paper wrapping/tape to the external of the product, which must be removed before use.
Handling/PPE	All persons using the product should be fully aware of the manual handling methods as roofing materials are heavy and can cause serious injury. When using/handling the product, installers should be provided with, and wear, suitable personal protective equipment.
Shelf life	When stored correctly, the product has no stated shelf life, however, for extended periods beyond 5 years, we would suggest additional installation techniques may be required.
Disposal guidance	Bitumen waste can be disposed of with household waste or commercial waste similar to household waste (European waste catalogue EWC number 170302 "asphalt tar-free").
Re-use options of product	Please refer to EPD stated below in Certification and environmental information.
Further information/documents	Current documents such as DoC's, DoP's (where relevant), brochures, installation guides, etc. can be found by visiting www.bauder.co.uk
Certification and environmental information	<p>BBA Certificate No.: 10/4744</p> <p>Environmental Product Declaration: GlobalEPD-IntEPD S-P-00768</p> <p>International Standards Organisation (ISO): ISO 9001:2015 Quality Management Certificates EN1271 (UK) and 70499/03-15_e (Germany)</p> <p>ISO 14001:2015 Environmental Management Certificates A10552 (UK) and 70499/03-15_d (Germany)</p> <p>ISO 50001: 2011 Energy Management Certificate 70499/03-15_c (Germany)</p>
Safety Data Sheet	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.



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