

Technical data sheet

BauderTHERM SL 500

Roofing membrane



04/06/2024

Product description	Elastomer-bitumen torch-on membrane with THERM-stripes on the lower side.		
Application fields	Capping sheet in a flat roof overlay system.		
Surface	top:	Grey slate mineral	
	bottom:	THERM-stripes	
Reinforcement type and weight	polyester fleece 250 g/m ²		
Article number	1635 4000		

Characteristic	Test method	Unit	Value
Length	EN 1848-1	m	5
Width	EN 1848-1	m	1
Thickness	EN 1849-1	mm	5,2
Mass per unit area	-	kg/m ²	6
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	≥105
Flow resistance at elevated temperature bottom	EN 1110	°C	≥105
Max. tensile force length	EN 12311-1	N/50mm	900(±10%)
Max. tensile force transverse	EN 12311-1	N/50mm	900(±10%)
Elongation at max. tensile force length	EN 12311-1	%	45(±5)
Elongation at max. tensile force transverse	EN 12311-1	%	45(±5)

Installation guidance

The product is used for overlaying existing bitumen based waterproofing systems to extend the life of the roof, allowing any moisture that may be present room to expand and contract beneath its partially bonded underside. Care should be taken to ensure the head laps are fully sealed.

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



Notified body: GPB, 1724
EN 13707



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	there are storage containers on site, these may be suitable for storing products.
Pallet size	Pallet size =24 rolls/120m 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").
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
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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