

## TECHNICAL DATA SHEET

**BauderGREEN FSM 1100 Protection Mat**

Heavy duty protection layer made from polyester and polypropylene fibres.

**Intended Use**

Laid on the completed waterproofing to protect the completed waterproofing from mechanical damage.

**PRODUCT INFORMATION AND TECHNICAL PERFORMANCE**

Characteristic	Unit	FSM 1100 Value
Weight (dry)	kg/m <sup>2</sup>	1.1
Weight (saturated)	kg/m <sup>2</sup>	7.1
Water storage	Litre/m <sup>2</sup>	6
Thickness	mm	8
Size (supplied in rolls)	m	2 x 15
Coverage	m <sup>2</sup>	30
Material	-	Polyester and polypropylene fibre mix

**CERTIFICATION AND ENVIRONMENTAL INFORMATION**

International Standards Organisation (ISO)	ISO 9001:2015 Quality Management Certificates EN1271 (UK) and 70499/03-15_e (Germany)  ISO 14001:2015 Environmental Management Certificates A10552 (UK) and 70499/03-15_d (Germany)  ISO 50001: 2011 Energy Management Certificate 70499/03-15_c (Germany)
Recycled content	100% - Polyester and polypropylene fibre mix

**INSTALLATION GUIDANCE**

Normally installed under the entire green roof area, but kept clear of all outlets and drainage trims. FSM mats should be lapped by 150mm at all joints.

See Bauder's Green Roof Installation Guide for full details.

Bauder reserves the right to amend information and product specifications without prior notice. All reasonable care has been taken to ensure that all data is current at the time of print, however because Bauder pursues a policy of constant development we recommend ensuring that your copy of this information is current by contacting our Technical Department at [technical@bauder.co.uk](mailto:technical@bauder.co.uk)

Recommendations for use should be verified as to the suitability and compliance with actual requirements, specifications, installation techniques and any applicable laws and regulations.

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