

## PRODUCT DATA SHEET

### BauderKARAT

A top quality, heavy duty, torch-applied dual formulation APP plastomeric top and SBS elastomeric bottom, modified bitumen capping sheet. The product features a 300g/m<sup>2</sup> spunbond polyester/glass composite reinforcement to allow the finished product to cope with structural movement without fracture, and a mineral finish to provide protection against UV degradation.



PRODUCT INFORMATION AND TECHNICAL PERFORMANCE				
Characteristic	Test method	Unit	Value	
Length	EN 1848-1	m	5.0	
Width	EN 1848-1	m	1	
Thickness	EN 1849-1	mm	5.2	
Weight		Kg/m <sup>2</sup>	6	
Flexibility at low temperature	EN 1109	°C	Top: ≤ -25	Bottom: ≤ -40
Flow resistance at elevated temperature	EN 1110	°C	Top: ≥ +150	Bottom: ≤ +120
Tensile properties: max. tensile force	EN 12311-1	N / 50 mm	Length: ≥ 1450 (±10%)	Transverse: ≥ 1450 (±10%)
Tensile properties: elongation	EN 12311-1	%	Length: ≥ 23 (±3)	Transverse: ≥ 23 (±3)
Straightness	EN 1848-1	mm / 10m	≤ 20	
Watertightness type A and T	EN 1928 Verf. B	-	Passed	
Reaction to fire	EN ISO11925-2	-	Class E according to EN 13501-1	
Visible defects	EN 1850-1	-	No visible defects	
Peel resistance of joint	EN 12316-1	N / 50 mm	No value specified	
Shear resistance of joint	EN 12317-1	N / 50 mm	No value specified	
Resistance to impact	EN 12691	mm	≥ 2000	
Resistance to static loading	EN 12730	kg	No value specified	
Dimensional stability	EN 1107-1	%	≤ -0.1%	
Artificial ageing EN 1296	EN 1109	°C	No value specified	
	EN 1110	°C		

#### UNITED KINGDOM

Bauder Ltd  
 70 Landseer Road, Ipswich, Suffolk IP3 0DH  
 T: +44 (0)1473 257671 E: [info@bauder.co.uk](mailto:info@bauder.co.uk)  
[bauder.co.uk](http://bauder.co.uk)

#### IRELAND

Bauder Ltd  
 O'Duffy Centre, Carrickmacross, Co. Monaghan  
 T: +353 (0)42 9692 333 E: [info@bauder.ie](mailto:info@bauder.ie)  
[bauder.ie](http://bauder.ie)

## PRODUCT DATA SHEET

### **UNITED KINGDOM**

Bauder Ltd  
70 Landseer Road, Ipswich, Suffolk IP3 0DH  
T: +44 (0)1473 257671 E: [info@bauder.co.uk](mailto:info@bauder.co.uk)  
[bauder.co.uk](http://bauder.co.uk)

### **IRELAND**

Bauder Ltd  
O'Duffy Centre, Carrickmacross, Co. Monaghan  
T: +353 (0)42 9692 333 E: [info@bauder.ie](mailto:info@bauder.ie)  
[bauder.ie](http://bauder.ie)

## PRODUCT DATA SHEET

**PRODUCT INFORMATION AND TECHNICAL PERFORMANCE**

Type of application	Top polymer bitumen torch-on membrane – capping sheet	
Surface	Top: Charcoal Grey	Bottom: Thermofusible polyethylene
Reinforcement	Type and weight: Polyester composite reinforcement approx. 300 g/m <sup>2</sup>	

**CERTIFICATION AND ENVIRONMENTAL INFORMATION**

BBA Certificate	10/4744
Environmental Product Declaration	S-P-00414
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)
BRE Green Guide generic bituminous system rating	A+ to B dependant upon deck type

**INSTALLATION GUIDANCE**

Refer to the Bauder Installation Manual for guidance

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.

**UNITED KINGDOM**

Bauder Ltd  
70 Landseer Road, Ipswich, Suffolk IP3 0DH  
T: +44 (0)1473 257671 E: [info@bauder.co.uk](mailto:info@bauder.co.uk)  
[bauder.co.uk](http://bauder.co.uk)

**IRELAND**

Bauder Ltd  
O'Duffy Centre, Carrickmacross, Co. Monaghan  
T: +353 (0)42 9692 333 E: [info@bauder.ie](mailto:info@bauder.ie)  
[bauder.ie](http://bauder.ie)