

# Declaration of Performance

## BauderSMARAGD

### DoP-No.: 1715 0000



1.	Unique identification code of the product-type	BauderSMARAGD - 1_01	
2.	Intended use/es	Reinforced bitumen sheets for roof waterproofing	Bitumen damp proof sheets including bitumen basement tanking sheets
3.	Manufacturer	Paul Bauder GmbH & Co. KG, Korntaler Landstrasse 63, 70499 Stuttgart, Germany	
4.	System/s of assessment and verification of constancy of performance of the construction product	System 2+	System 2+
5.	Harmonised standard Notified body	EN 13707:2004 + A2:2009 GPB, 1724	EN 13969:2004 + A1:2006 GPB, 1724

## 6. Declared performance

Essential characteristics	Performance EN 13707:2004 + A2:2009	Performance EN 13969:2004 + A1:2006
External fire performance <sup>a)</sup>	NPD	
Reaction to fire	E	E
Watertightness	passed	passed
Tensile properties:		
Max. tensile force length (N/50mm)	1450(±10%)	1450(±10%)
Max. tensile force transverse (N/50mm)	1450(±10%)	1450(±10%)
Elongation at max. tensile force length (%)	23(±3)	23(±3)
Elongation at max. tensile force transverse (%)	23(±3)	23(±3)
Resistance to root penetration	passed	
Resistance to static loading (kg)	20	20
Resistance to impact (mm)	NPD	NPD
Tear resistance length (N)	NPD	NPD
Tear resistance transversal (N)	NPD	NPD
Joint strength:		
Peel resistance (N/50mm)	NPD	NPD
Shear resistance (N/50mm)	NPD	NPD
Durability:		
Flexibility at low temperature after artificial ageing top (°C)	NPD	
Flexibility at low temperature after artificial ageing bottom (°C)	NPD	
Watertightness after artificial ageing		NPD
Watertightness after exposure to chemicals after artificial ageing		NPD
Flexibility at low temperature top (°C)	≤-25	≤-25
Flexibility at low temperature bottom (°C)	≤-40	≤-40
Hazardous substances <sup>b),c)</sup>	Passed, see 5.3 EN 13707:2004 + A2:2009	Passed, see 5.15 EN 13969:2004 + A1:2006

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- a) Determination of external fire performance is a system test which can be influenced by system components, which are not produced or sold by Bauder GmbH, thus performance for each product can not be given.
- b) Product does not contain asbestos or tar
- c) Because there is no European test method for leaching of the products, no statement can be made.

NPD = no performance declared

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/211, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

A handwritten signature in blue ink that reads "Mark Bauder".

Mark Bauder, Managing Director  
Stuttgart, 28.11.2022