

Declaration of Performance

According to Annex III of Regulation (EU) No 305/2011



Reference/Article number: 12417 – (1)		
1.	Unique identification code of the product type	BÖRNER K-MS 170/4000
2.	Intended use (e)	Reinforced bituminous sheet for roof waterproofing Bitumen sheet to seal buildings against rising damp and water
3.	Manufacturer	GEORG BÖRNER Chemisches Werk für Dach- und Bautenschutz GmbH & Co.KG; Heinrich-Börner-Straße 31; D-36251 Bad Hersfeld
4.	System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V	2+
5.	Harmonised standard Notified body and identification number	EN 13707:2004+A2:2009 and EN 13969:2004 + A1:2006 No.: 1724 GBP Gemeinschaft für Qualitätsüberwachung von Polymerbitumen und Bitumenbahnen e.V.; D-60329 Frankfurt/M. 1724-CPR-041101 1724-CPR-041201

6.	Essential Characteristics	Performance	Techn. Specification
	External fire performance ^{a)}	NPD	EN 13707:2004 +A2:2009
	Reaction to fire	Class E	
	Resistance to water penetration method B	passed	
	Tensile properties:		EN 13969:2004 +A1:2006
	Maximum tensile force L (N/50 mm)	700 (± 100)	
	Maximum tensile force T (N/50 mm)	500 (± 100)	
	Elongation at maximum tensile force length (%)	50 (± 25)	
	Elongation at maximum tensile force width (%)	50 (± 25)	
	Resistance to root penetration	NPD	
	Resistance to static loading Method A (kg)	NPD	
	Resistance to impact method A (mm)	NPD	
	or Resistance to impact method A and B (mm)	NPD	
	Resistance to tearing L (N)	NPD	
	Resistance to tearing T (N)	NPD	
	Strength of the joint:		
	Peel resistance L (N/50 mm)	NPD	
	Peel resistance T (N/50 mm)	NPD	
	Shear resistance L (N/50 mm)	NPD	
	Shear resistance T (N/50 mm)	NPD	
	Durability UV heat and water	NPD	
	Heat flow after heat oven exposure (°C)	NPD	
	Pliability after heat oven exposure (°C)	NPD	
	Pliability (°C)	≤ - 20	
	Hazardous substances ^{b), c)}	Requirement fulfilled, see 5.3 EN 13707 and 5.15 EN 13969	

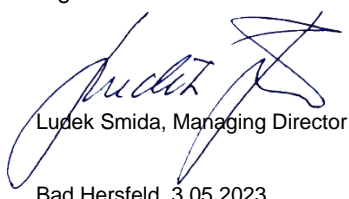
^{a)} The determination of the external fire performance is a system test that can be influenced by system components that are not manufactured or distributed by GEORG BÖRNER GmbH & Co. KG, thus performance for the individual product cannot be given.

^{b)} This product does not contain asbestos or tar constituents.

^{c)} Since there is no European test method for the leaching behaviour, no statement can be made on this.

The performance of the above product is in conformity with the declared performance and services. The above-mentioned manufacturer is solely responsible for the preparation of the declaration of performance in accordance with Regulation (EU) No 305/2011.

Signed for and on behalf of the manufacturer by:


Ludek Smida, Managing Director
Bad Hersfeld, 3.05.2023


Michael Börner, Managing Director

Georg Börner

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