

Declaration of Performance

in according with regulation No. (EU) 305/2011



Reference number/material: 10655 – (4)		
1.	Unique identification code of the product type	ELMO-Flex PV
2.	Intended us or uses of the construction product	Reinforced bituminous sheet for roof waterproofing
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.	Harmonized standards Certification body	EN 13707:2004 + A2:2009 und EN 13969:2004 + A1:2006 Nr.: 1724 GBP Gemeinschaft für Qualitätsüberwachung von Polymerbitumen und Bitumenbahnen e.V.; D-60329 Frankfurt/M.

6.	Essential characteristics	Performance	Techn. specification
	External fire performance ^{a)}	B _{Roof} (t1)	EN 13707:2004 + A2:2009
	Reaction to fire	Class E	
	Water tightness	Pass	
	Tensile strength:		EN 13969:2004 + A1:2006
	Maximum tensile force L (N/50 mm)	1400 (± 10 %)	
	Maximum tensile force T (N/50 mm)	1000 (± 10 %)	
	Elongation at maximum tensile force L (%)	40 (± 5 abs.)	
	Elongation at maximum tensile force T (%)	40 (± 5 abs.)	
	Root resistance	NPD	
	Resistance to static loading method A (kg)	NPD	
	Resistance to impact method A (mm) or Resistance to impact method A and B (mm)	NPD NPD	
	Resistance to tearing L (N)	NPD	
	Resistance to tearing T (N)	NPD	
	Joint strength:		
	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)	≤ - 35	
	Dangerous substances ^{b), c)}	complies, acc. 5.3 EN 13707	


^{a)} Since external fire performance depends on the other components, not supplied by BÖRNER, of the roof build-up, no performance can be given.

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

^{c)} Since there is no European test method available no performance declaration for leaching behavior can be made.

The performance of the above product corresponds to the declared performance /performances. The declaration of performance in accordance with Regulation (EU) No 305/2011 is the sole responsibility of the manufacturer mentioned above.

Signed for the producer and in the name of the producer from:


Ludek Smida, Director
Bad Hersfeld, 09.03.2022


Michael Börner, Director