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# DECLARATION OF PERFORMANCE

**DoP HI – 004-1/25-01**

according to REGULATION (EU) No 305/2011 (Article 4 and Annex III)  
laying down harmonized conditions for the marketing of construction products

Unique identification code of the product-type:

## **PERGAMIN**

**Bitumen membrane with cardboard reinforcement: 20 m x 1 m x 0,5 kg/m<sup>2</sup>**  
**Surface protection: *without***

Intended use:

**flexible sheet for waterproofing-underlays (EN 13859-1 type W1)**

Manufacturer:

**FRAGMAT TIM d.o.o., Spodnja Rečica 77, SI-3270 Laško**

Systems of AVCP:

**System 3**

Harmonized standard:

**EN 13859-1:2010**

Notified body:

**1404 - ZAVOD ZA GRADBENIŠTVO SLOVENIJE, Dimičeva 12, 1000 LJUBLJANA**

Declared performances:

Essential characteristics	Performance			Harmonised technical specification
	EN method	Unit	Value	
Resistance to water penetration	1928	class	W1	EN 13859-1:2010
Resistance to water penetration after artificial ageing by long term exposure to elevated temperature	1296/1928	class	W1	
Flexibility at low temperature	1109	°C	≤ +4	
Resistance to tearing <ul style="list-style-type: none"> <li>• longitudinal</li> <li>• transversal</li> </ul>	12310-1	N	≥ 50 ≥ 50	
Reaction to fire	13501-1	class	F	
Tensile properties <ul style="list-style-type: none"> <li>• longitudinal</li> <li>• transversal</li> </ul>	12311-1	N/50mm	≥ 250 ≥ 150	
Elongation <ul style="list-style-type: none"> <li>• longitudinal</li> <li>• transversal</li> </ul>	12311-1	%/50mm	≥ 1,0 ≥ 1,0	
Tensile properties after artificial ageing by long term exposure to elevated temperature <ul style="list-style-type: none"> <li>• longitudinal</li> <li>• transversal</li> </ul>	1296/12311-1	N/50mm	≥ 200 ≥ 100	
Elongation after artificial ageing by long term exposure to elevated temperature <ul style="list-style-type: none"> <li>• longitudinal</li> <li>• transversal</li> </ul>	1296/12311-1	%/50mm	≥ 1,0 ≥ 1,0	

\* NPD – no performance determined

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Laško, 03.01.2025

Head of production:

Marko Mavri

