

## DECLARATION OF PERFORMANCE Nr. DoP-BG-TN376387

English version

- 1. Unique identification code of the product-type:**  
Polyelast Extra 4mm

- 2. Intended use or uses of the construction product:**

Reinforced bitumen sheets for the bottom layer in roof waterproofing. Bitumen damp proof sheets for buildings, including for basement tanking.

Specific requirements related to the use and storage of the product placed on the packaging or accompanying.

- 3. Manufacturer:** Dehtochema – TN

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info@dehtochema.cz  
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- 4. Authorized representative:**  
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- 5. System or systems of assessment and verification of constancy of performance of the construction product:**

System 2+

- 6. Harmonized standards:**

EN 13707+A2:2009  
EN 13969+A1:2006

- 7. Notified body:**

№ 1023, Institut pro testování a certifikaci, a.s. třída Tomáše Bati 299, Louky 763 02 Zlín Česká republika/Czech Republic

The notified body carries out the assessment and verification of constancy under System 2+ and issues a certificate:

№ 1023-CPR-0820F or 28.02.2017 no EN 13707:2004+A2:2009  
№ 1023-CPD-0821F or 28.02.2017 no EN 13969:2004+A1:2006

8. Declared performance:

No	Essential characteristics	Corresponding harmonised standard	Units	Performance	
	Upper surface			fine grained sand	
	Underside surface			polyethylene foil	
	Reinforcement			polyester	
1.	Length / Width	EN 1848-1	m/m	≥9,95/≥0,99	MLV
2.	Thickness	EN 1849-1	mm	4,0 ± 0,2	MDV
3.	Mass per unit area	EN 1849-1	kg/m <sup>2</sup>	5,2 ± 0,4*	MDV
4.	External fire exposure	EN 13501-5 +A1:2009	-	Froof	
5.	Reaction to fire	EN 13501-1	-	class E	
6.	Visible defects	EN 1850-1	-	No visible defects	
7.	Flexibility at low temperature	EN 1109	°C	≤ -25	MLV
8.	Flow resistance at elevated temperature	EN 1110	°C	≥+100	MLV
9.	Adhesion of granules	EN 12039	%	NPD	
10.	Tensile properties: maximum tensile force - longitudinal direction - transverse direction	EN 12311-1	N/50mm	750±150 550±150	MDV
11.	Tensile properties: elongation -longitudinal direction - transverse direction	EN 12311-1	%	45±10 45±10	MDV
12.	Dimensional stability	EN 1107-1	%	NPD	
13.	Resistance to tearing (nail shank): - longitudinal direction - transverse direction	EN 12310-1	N	400±80 300±80	MDV
14.	Watertightness under pressure 60 kPa within 24 h.	EN 1928 method A	-	The absence of water penetration	Pass
15.	Water vapour transmission properties	EN 1931:2005	-	μ=20000	
16.	Resistance to static loading	EN 12730	kg	≥ 22	MLV
17.	Resistance to impact	EN 12691	mm	≤1500	MLV

18.	Hazardous substances	EN 13707+A2:2009	-----	Does not contain hazardous substances	
<p>MLV: Manufacturer Limited Value MDV: Manufacturer Determined Value NPD: No official test data for the performance * Information: The determining feature is the thickness (for reference)</p>					

8. The relevant technical documentation and / or specific technical documentation:

Product characteristics defined above correspond to a set of declared properties. This declaration characteristics issued in accordance with Regulation (EC) № 305/2011 under the sole responsibility of the manufacturer, the above.

Signed for and on behalf of the manufacturer by:

Aleš Dostál  
Director  
Dehtochema – TN a.s.



**DEHTOCHEMA - TN a.s.**  
Pražská 870  
294 21 Bělá pod Bezdězem  
IČ: 279 26 524 DIČ: CZ27926524  
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Bela pod Bezdezem, 03.04.2019