



DECLARATION OF PERFORMANCE TB&-21502

1. Unique identification code of the product-type: **TB&-21502**
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **TB& ALU STICK SA**
3. Intended use or uses: **Flexible sheets for waterproofing - Reinforced bitumen sheets for roof waterproofing Bitumen water vapour control layers**
4. Manufacturer:
Tooba BV - Hortensiadreef 14 - 2920 Kalmthout - info@tben.eu - www.tben.eu
5. Authorised representative: ---
6. System/s of AVCP: **System 2+, except for vapor control layers system 3.**
7. Harmonised standard (if applicable): **FPC certificate obtained from Eurofins expert services Notified Body, registered under registration number 0809. Certificate number: 0809-CPR-21003667.**
8. Notified body/ies (identification no.): **NB 0809 Eurofins Expert Services Ltd.**

9. Declared performance: **Harmonized technical specification**

Characteristics	Norms	U.M.	Test results	Tolerance
			TB& ALU STICK SA	
Norms	/	/	EN 13707	/
Carrier type	/	/	Polyester	/
Compound	/	/	BPE - Elastomeric bitumen in self adhesive BPE	/
Upper surfacing	/	/	Film PE	/
Lower surfacing	/	/	Removable siliconized film	/
Type of application	/	/	SS - Underlayer	/
Method of application	/	/	Torch	/
Visible defects	EN 1850-1	-	Pass	/
Length	EN 1848-1	m	≥ (10 m -1%)	/
Width	EN 1848-1	m	≥ (1 m -1%)	/
Straightness	EN 1848-1	-	Pass	/
Thickness	EN 1849-1	mm	2,65	± 5 %
Watertightness (metodo B)	EN 1928	-	Pass	/
External fire performance	EN 13501-5	-	F roof	/
Reaction to fire	EN 13501-1	-	EUROCLASS E	/
Shear resistance of joint - heat lap - side lap	EN 12317-1	N/50 mm	500 350	- 20%
Tensile properties -maximum longitudinal tensile strength -maximum transversal tensile strength - longitudinal elongation - transversal elongation	EN 12311-1	N/50 mm N/50 mm % %	600 450 45 45	± 10% ± 10% - 15 abs - 15 abs
Resistance to impact	EN 12691	mm	800	/
Resistance to static loading	EN 12730	kg	15	/
Resistance to tearing (nail shank) - longitudinal - transversal	EN 12310-1	N	NP D NP D	-30% -30%
Dimensional stability	EN 1107-1	%	≤ 0,3	/
Flexibility at low temperature	EN 1109	°C	- 20	/
Flow resistance at elevated temperature	EN 1110	°C	100	/
Artificial ageing by long term exposure to elevated temperature	EN 1296 + EN 1110	°C	90	- 10°C
Water vapour transmission properties	EN 1931	-	μ = 20.000	/

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Toon Wouters

name

signature

Deputy Director for Quality

position

place of issue: Aartselaar, Belgium

date of issue: 30/09/2021