

## DECLARATION OF PERFORMANCE

Nr:

2023-02-10

Version:

1

1. Unique identification code of the product type:

**TUPLA Green TORCH ON**

TL1

2. Type, batch or serial number of the product:

**TUPLA Green TORCH ON**

### DESCRIPTION OF THE PRODUCT

Type of application	One-layer membrane	
Method of application	Torching (mechanical when needed)	
Type of coating	SBS-modified bitumen	
Type of carrier	Net reinforced polyester non woven	
Type of top surfacing	Slate and/or mineral granules	
Type of bottom surfacing	Thermofusible film and torch-on elastomer bitumen	Test method
Mass per unit area	5,500 kg/m² (- 5 %)	EN 1849-1
Nominal thickness	4,0 mm (- 10 %)	EN 1849-1
Length	8,0 m (- 1 %)	EN 1848-1
Width	1,0 m (± 1 %)	EN 1848-1
Straightness	max deviation 20 mm/10 m	EN 1848-1
Visual defects	No defects	EN 1850-1
	Pass	
	Pass	

3. Intended use or uses of the construction product:

EN 13707 :2004 + A2 :2009 Reinforced bitumen sheets for roof waterproofing

0809-CPR-1084

6. AVCP-class

2+

4. Name, registered trade name or registered trade mark and contact address of the manufacturer :

KATEPAL OY, P.O.Box 33, FI-37501 Lempäälä, Finland, Tel: +358 3 375 9111, www.katepal.fi, E-mail: myynti@katepal.fi

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard

In case of AVCP 2+

The notified factory production control certification body VTT Expert Services No. 0809 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.

8. In case of the declaration of performance concerning a construction product covered by a European technical approval (ETA):

not valid for this product

9. Declared performance

FIRE PROPERTIES		Fireclass	Classification	Test method		
External Fire performance <sup>1)</sup>		Broof(t2)	EN 13501-5	ENV 1187 (t2)		
Reaction to Fire		F	EN 13501-1	EN ISO 11925-2		
ESSENTIAL CHARACTERISTICS		0809-CPR-1084		Tolerance	Units	Test Method
Harmonised technical specification:		EN 13707: 2004 + A2: 2009				
Watertightness under pressure		PASS			-	EN 1928 A
Tensile strength at 23 °C						EN 12311-1
longitudinal		1 000			N/50 mm	
transversal		900			N/50 mm	
Elongation at maximum force						EN 12311-1
longitudinal		> 40			%	
transversal		> 40			%	
Resistance to Static Loading		20			kg	EN 12730
Resistance to Impact at -10 °C		Ø20			mm	EN 12691
Resistance to Impact at +23 °C		(A) 1250			mm	EN 12691
Resistance to tearing						EN 12310-1
longitudinal		350			N	
transversal		375			N	
Peel resistance of joint		> 50			N/50 mm	EN 12316-1
Shear resistance of joint		> 600			N/50 mm	EN 12317-1
Flexibility at low temperature						EN 1109
upper surface    Ø 30 mm		-15			°C	
bottom surface   Ø 30 mm		-15			°C	
<u>DURABILITY AFTER AGEING</u>						
Ageing with UV, water and heat		NPD				EN 1297
Flexibility at low temperature after heat ageing		< 10			max drop °C	EN 1296+1109
Stability at elevated temp. after heat ageing		> 80			°C	EN 1296+1110

### DANGEROUS SUBSTANCES

Note 1: This product does not contain asbestos or tar constituents

Note 2: In the absence of European harmonized test methods, verification and declaration on release/content has to be done taken into account national provisions in the place of use.

NPD = no performance determined

### OTHER CHARACTERISTICS

ACCORDING TO:	EN 13707				Tolerance	Units	Test Method
Stability at elevated temperature	90					°C/2h	EN 1110
Water vapour diffusion resistance factor, μ	20000						EN 1931
Dimensional stability	-0.3					%	EN 1107-1
Adhesion of granules	< 30					%	EN 12039
Watertightness after stretching at low temp.							EN 13897
longitudinal	> 10					%	
transversal	> 10					%	
Form stability under cyclic temp. change	NPD					mm	EN 1108

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Lempäälä 2023-02-10

Mikko Pellinen / Managing director

The manufacturer reserves the right to change the content without further notice.

Version: 1  
Updated: 02/2023