

## DECLARATION OF PERFORMANCE

Nr:

2022-01-12

Version:

1

1. Unique identification code of the product type:

### TopTite 3° Green

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

TopTite 3° Green

#### DESCRIPTION OF THE PRODUCT

Type of application	Sheet with self bonding edges
Method of application	Mechanical with self bonding edges
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	Fine sand
Mass per unit area	4,500 kg/m <sup>2</sup> (- 5 %)
Nominal thickness	3,2 mm (- 10 %)
Length	7,0 m (- 1 %)
Width	1,0 m (± 1 %)
Straightness	max deviation 20 mm/10 m
Visual defects	No defects

#### Test method

EN 1849-1
EN 1849-1
EN 1848-1
EN 1848-1
EN 1848-1
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: katepal@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
Water vapour diffusion resistance factor μ		20000					
Tensile strength at 23 °C							
longitudinal		990			- 20 %	N/50 mm	EN 12311-1
transversal		880			- 20 %	N/50 mm	
Elongation at maximum force							EN 12311-1
longitudinal		> 40				%	
transversal		> 40				%	
Resistance to Static Loading		NPD				kg	EN 12730
Resistance to Impact at -10 °C		NPD				mm	EN 12691
Resistance to Impact at +23 °C		NPD				mm	EN 12691
Resistance to tearing							EN 12310-1
longitudinal		300			- 20 %	N	
transversal		300			- 20 %	N	
Peel resistance of joint		20 / 45				N/50 mm	EN 12316-1
Shear resistance of joint		500			- 20 %	N/50 mm	EN 12317-1
Flexibility at low temperature							EN 1109
upper surface Ø 30 mm		-20				°C	
bottom surface Ø 30 mm		-20				°C	
DURABILITY AFTER AGEING							
Ageing with UV, water and heat		NPD					EN 1297
Flexibility at low temperature after heat ageing		NPD				max drop °C	EN 1296+1109
Stability at elevated temp. after heat ageing		NPD				°C	EN 1296+1110

#### DANGEROUS SUBSTANCES

NPD

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
Dimensional stability	-0,3					%	EN 1107-1
Adhesion of granules	< 30					%	EN 12039
Watertightness after stretching at low temp.							EN 13897
longitudinal	NPD					%	
transversal	NPD					%	
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 2022-01-12

Mikko Pellinen / Managing director

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

Version: 1  
Updated: 01/2022