



## DECLARATION OF PERFORMANCE

according to Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011  
No.:DoP-320201-VLF-150-01-EN

1. Unique identification code of the product type:

**320201**

2. Type, batch or serial number or any other element allowing identification of the product as required under Article 11(4):

**VLF-150**

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**Geotextile made of polypropylene thread using a needle felting method for filtering and separating purposes on extensive green roofs. As per standard:**

**EN 13252:2000/A1:2005**

**function: F+S**

4 Name, registered trade name or regisred trade mark and contact adress of the manufacturer as required under Article 11(5):

**APP Kft.**  
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5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):  
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6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**2+**

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

**Notified factory production control certification body Kiwa MPA Bautest GmbH (0799) issued the certificate of conformity of the factory production control under system 2+ on the basis of: initial inspection of the manufacturing plant and of factory production control, and continous surveillance, assesement and evaluation of factory production control.**

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

**not applicable**

9. Declared performance

Essential characteristics	Unit	Performance	Tolerance	Harmonised technical specification
Tensile strength MD	kN/m	8,5	-1,105	EN ISO 10319:2008
Tensile strength CMD	kN/m	8,5	-1,105	
Elongation MD	%	75	±22,5	
Elongation CMD	%	80	±24	
CBR puncture	kN	1,5	-0,3	EN ISO 12236:2006
Cone drop test	mm	20	+5	EN ISO 13433:2006
Characteristic opening size O <sub>90</sub>	mm	0,1	±0,03	EN ISO 12956:1999
Water permeability normal to the plane Velocity Index VI <sub>H50</sub>	m/s	0,09	-0,027	EN ISO 11058:1999
Durability	Has to be covered in 14 day after installation. Predicted to be durable for a minimum 25 years in natural soils with 4<pH<9 and soil temperatures <25°C			EN 13252:2000/A1:2005

**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:

Laszlo Tarlos, Director of Product Development

Date: 01.07.2013. Győr, Hungary

Signature