



0799

**DECLARATION OF PERFORMANCE**

according to Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011  
No.:DoP-320101-VLT-100-01-EN



1. Unique identification code of the product type:

**320101**

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

**VLT-100**

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, with a surface weight of 100 g/m<sup>2</sup>, with heat treatment on one side, for separating incompatible materials. As every geotextile, it works as filtering- and mechanical protection layer too. As per standard:**

**EN 13252:2000/A1:2005****function: F+S**

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

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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 continuous surveillance, assessment 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  | 5           | -0,65     | EN ISO 10319:2008                  |
| Tensile strength CMD   | kN/m  | 5           | -0,65     |                                    |
| Elongation MD  | %   | 70          | ±21       |                                    |
| Elongation CMD   | %   | 85          | ±25,5     |                                    |
| CBR puncture   | kN  | 1           | -0,2      | EN ISO 12236:2006                  |
| Cone drop test   | mm  | 35          | + 8,75    | EN ISO 13433:2006                  |
| Characteristic opening size O <sub>90</sub>                                | mm  | 0,12        | ±0,036    | EN ISO 12956:1999                  |
| Water permeability normal to the plane<br>Velocity Index V <sub>IH50</sub> | m/s   | 0,1         | -0,03     | EN ISO 11058:1999                  |
| Durability   | Has to be covered within 14 day after installation.<br>Predicted to be durable for a minimum of 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