

Declaration of Performance (DoP)

DoP No.: TB4.1CPR/4205/2013-05-30

1. Product Name:

Unique identification code of the product-type:

HIPERTEX

2. Product Type:

Number allowing identification of the construction product as required under Article 11(4) of the CPR:

TB 4

(lot no. see label and product)

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

**for roads
for railways
for retaining walls
for reservoirs and dams
for erosion control works
for canals**

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

**Tessilbrenta srl
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Fax +39 0424 808888
e-mail: info@tessilbrenta.com**

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

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6. AVCP:

System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V:

System 2+

7. Notified body:

1213

In case of the declaration of performance (DoP) concerning a construction product covered by the harmonized standards:

**EN 13249:2000 +A1:2005
EN 13250:2000 +A1:2005
EN 13251:2000 +A1:2005
EN 13253:2000 +A1:2005
EN 13254:2000 +A1:2005
EN 13255:2000 +A1:2005**

Notified body SKZ – TeConA GmbH (identification no. 1213) performed the initial inspection of the manufacturing plant and of factory production control (FPC) and the continuous surveillance, assessment and evaluation of FPC and issued the certificate of conformity of the FPC no. 4205.

8. Declared performance

Essential characteristics	Performance		Test standard	Harmonised technical specifications
	Mean value	Tolerance		
Tensile strength, T_{max} MD	18,6 kN/m	- 2,1 kN/m	EN ISO 10319	EN 13249:2000 +A1:2005 EN 13250:2000 +A1:2005 EN 13251:2000 +A1:2005 EN 13253:2000 +A1:2005 EN 13254:2000 +A1:2005 EN 13255:2000 +A1:2005
Tensile strength, T_{max} CMD	21,4 kN/m	- 10 kN/m	EN ISO 10319	
Elongation, ϵ_{max} MD	52, %	+/- 2,4 %	EN ISO 10319	
Elongation, ϵ_{max} CMD	52 %	+/- 10 %	EN ISO 10319	
Cone drop penetration, D_c	18 mm	+ 3 mm	EN ISO 13433	
Static puncture resistance, F_p	3,3 kN	- 0,33 kN	EN ISO 12236	
Characteristic opening size, O_{90}	70 μ m	+/- 21 μ m	EN ISO 12956	
Water flow rate, q_N	35 l/(m ² s)	- 10 l/(m ² s)	EN ISO 11058	
Weathering resistance	can be exposed up to 1 day		EN 12224	
Oxidation resistance	durable in natural soil with $4 < pH < 9$ and soil temperature $< 25^\circ C$ for a minimum of 25 years service life		EN ISO 13438	

9. Declaration:

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

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:

Pove del Grappa, 12/06/2013

TESSILBRENTA SRL

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