

DECLARATION OF PERFORMANCE

PP/NT500/CPR/4249/2018-07

Unique identification code of the product type:

TECNODREN PP/NT 500

non woven geotextile; needle punched; PP white staple fiber

Intended use of the construction product:

for roads, for tunnels, for retaining walls, for drainage systems, for reservoirs and dams, for canals, railways foundations, vaste foundations, embankments

intended functions: separation (S), filtration (F), reinforcement (R)

Producer:

Ovattificio Alpino S.R.L., Via Ognissanti, 4, 35013 Cittadella (PD), Italy

System of assessment and verification of constancy of performance of the construction product (AVCP):

System 2+

Harmonized standard:

EN 13249:2016; EN 13250:2016; EN 13251:2016; EN 13252:2016; EN 13253:2016; EN 13254:2016; EN 13255:2016; EN 13257:2016; EN 13265:2016

The notified body:

SKZ-Testing GmbH

Notified certification 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. 6002,4249

Declared performance:

Essential characteristics	Performance			Harmonised technical specifications
	Test standard	Mean value	Tolerance	
Tensile strength - longitudinal (MD) - transversal (CMD)	EN ISO 10319	34,0 kN/m 39,0 kN/m	- 3,0 kN/m - 4,0 kN/m	EN 13249:2016 EN 13250:2016 EN 13251:2016 EN 13252:2016 EN 13253:2016 EN 13254:2016 EN 13255:2016 EN 13256:2016 EN 13257:2016 EN 13265:2016
Elongation - longitudinal (MD) - transversal (CMD)	EN ISO 10319	65% 65%	+/- 20% +/- 20%	
Cone drop penetration	EN ISO 13433	5,0mm	+ 2mm	
Static puncture resistance	EN ISO 12236	6,3 kN	- 0,6 kN	
Pyramidal puncture test	EN 14574	820 kN	- 80 kN	
Characteristic opening size	EN ISO 12956	40µm	+/- 10µm	
Water flow rate	EN ISO 11058	20 l/(m²s)	- 10 l/(m²s)	
Weathering resistance	EN ISO 12224	can be exposed up to 30 day		
Oxidation resistance	EN ISO 13438	durable in natural soil with 4<pH<9 and soil temperature <25° for a minimum of 50 years service life		

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Cittadella, may 2020

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TRENTO FERNANDO
 general manager