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# ProtectaWeb/100-356/E Geocell

FACTORY REFERENCE: Q010

FOR USE IN CONSTRUCTION OF ROADS, OTHER TRAFFICKED AREAS, RAILWAYS, EARTHWORKS, FOUNDATIONS, RETAINING STRUCTURES, RESERVOIRS, DAMS, CANALS, SOLID AND LIQUID WASTE DISPOSAL AND EROSION CONTROL STRUCTURES AS A REINFORCEMENT IN ACCORDANCE WITH THE FOLLOWING HARMONISED STANDARDS:

EN 13249:2016	ROADS (R)	EN 13254:2016	RESERVOIRS AND DAMS (R)
EN 13250:2016	RAILWAYS (R)	EN 13255:2016	CANALS (R)
EN 13251:2016	FOUNDATIONS AND WALLS (R)	EN 13257:2016	SOLID WASTE DISPOSAL (R)
EN 13253:2016	EROSION CONTROL (R)	EN 13265:2016	LIQUID WASTE DISPOSAL (R)

NOTIFIED FACTORY PRODUCTION CONTROL CERTIFICATION BODY 1213 (SKZ – TESTING GMBH) 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 NO. 7551.

	TEST METHOD	VALUE	TOLERANCE
<b>MECHANICAL PROPERTIES (ALL PRODUCTS)</b>			
TENSILE STRENGTH MD	EN ISO 10319	1.20 kN	-2.0 kN
ELONGATION AT MAXIMUM LOAD	EN ISO 10319	15%	± 6%
SEAM PEEL STRENGTH	EN ISO 13426-1 METHOD B	1.60 kN	-1.8 kN
STATIC PUNCTURE RESISTANCE	NPD		
DYNAMIC PERFORATION RESISTANCE	NPD		

#### DURABILITY

- To be covered within one month after installation.
- Predicted to be durable for more than 50 years in soils with  $4 \leq \text{pH} \leq 9$  and temperatures  $\leq 250\text{C}$  on the basis of durability assessment in accordance with Annex B of the Harmonised Standards.

#### DANGEROUS SUBSTANCES

- Less than required by national regulations in EU Member States.

#### System: 2+

In case of the declaration of performance concerning a construction product covered by a harmonised standard: Notified factory production control certification body No. 1213 SKZ - Testing GmbH 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 the factory production control.

Authorised Signature  
Director

Company Stamp



Date

22nd March 2021