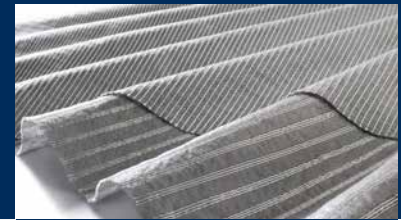


TenCate Rock® PEC (ND)

Technical Data

TenCate Rock® PEC and TenCate Rock® PEC ND uniaxial geocomposites are engineered materials suitable for short and long term soil reinforcement applications. They are composed of high modulus polyester fibres, attached to a continuous filament nonwoven geotextile backing.



TenCate Rock® PEC (ND)

Properties (Standard)	Unit	PEC 40 (ND)	PEC 55 (ND)	PEC 75 (ND)	PEC 95 (ND)	PEC 125 (ND)	PEC 180 (ND)	PEC 230 (ND)	
Mechanical Properties									
Tensile strength [EN ISO 10319]	MD	kN/m	42	58	79	100	132	190	242
	min	kN/m	40	55	75	95	125	180	230
Elongation at nominal strength [EN ISO 10319]	CD	kN/m	12	12	12	12	12	12	12
	MD	%	10	10	10	10	10	10	10
	CD	%	85	85	85	95	90	95	95
Hydraulic Properties base layer									
Water permeability normal to the plane [EN ISO 11058 - Δh = 50 mm]	l/m ² s (mm/s)		70	70	70	70	70	70	70
Water flow capacity in the plane [EN ISO 12958]	20 kPa 10 ⁻⁷ m ² /s		20	20	20	20	20	20	20
Characteristic opening size O ₉₀ [EN ISO 12958]	μm		95	95	95	95	95	95	95
Forms of Supply									
Roll width	m		5.3	5.3	5.3	5.3	5.3	5.3	
Roll length	m		100	100	100	100	100	100	
Roll weight [indicative]	kg		180	190	200	240	250	285	340

MD = Machine Direction / CD = Cross Direction
 min: These values are given within the 95% confidence level.
 Other forms of supply as well as grades, adjusted to the requirements of the project, are available on request.

For information concerning long term design strength, friction behaviour or other product properties please contact TenCate Geosynthetics.

The values given are average values obtained in our laboratories and in accredited testing institutes. The information given in this datasheet is to the best of our knowledge true and correct. However new research results and practical experience can make revisions necessary. The right is reserved to make changes without notice at any time. No guarantee or liability can be drawn from the information mentioned herein.

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