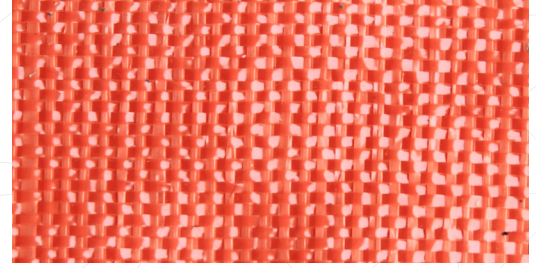


TECHNICAL DATASHEET

ORATEX (S9)

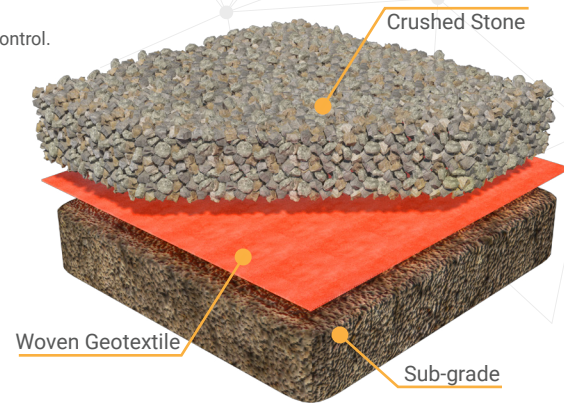
PRODUCT DESCRIPTION

ORATEX is a bright orange highly visible woven geotextile manufactured from slit film polypropylene tapes which are resistant to all naturally occurring soil acids, alkalis, bacteria and fungi. For use as a warning and separator layer in all types of Civil Engineering and Construction projects



MECHANICAL PROPERTIES	TEST METHOD	UNITS	ORATEX (S9)
TENSILE STRENGTH - MD	EN ISO 10319	kN/m	18
TENSILE STRENGTH - XD	EN ISO 10319	kN/m	10
ELONGATION AT BREAK - MD	EN ISO 10319	%	21
ELONGATION AT BREAK - XD	EN ISO 10319	%	21
CBR PUNCTURE RESISTANCE	EN ISO 12236	N	1500
DYNAMIC PERFORATION RESISTANCE - CONE DROP			
PERMEABILITY	EN ISO 11058	l/m ² /s	16
PORE SIZE	EN ISO 11058	µm	300
WEIGHT	EN ISO 9864	g/m ²	80
DURABILITY	Predicted to be durable for minimum of 25 years in natural soils with 4<pH <9pH and soil temperature <25°C, to be covered within two weeks of installation		
ROLL WIDTH		m	4.5
ROLL LENGTH		m	100

1. TCS Geotechnics is a trading name of Technical Civils Solutions Ltd.
2. TCS Geotechnics Ltd reserves the right to alter product specifications without prior notice.
3. It is the responsibility of all users to satisfy themselves that the above data is current.
4. The above figures are average values obtained from testing to current EN ISO standards.
5. TCS Ltd cannot accept responsibility for the performance of these products as the conditions of use are beyond our control.
6. Installation details are available on request.



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