

SINTEXMAT R 20



0799-CPR-258

Sintexmat R is a reinforced geomat made of a polyester woven geogrid with two erosion control polypropylene tri-dimensional geogrids.

Physical properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Mass per unit area	[EN ISO 9864]		460	g/m ²	+/- 10	+/- 46
Thickness	[EN ISO 9863-1]	2 kPa	25,00	mm	+/- 20	+/- 5,00
Mesh size		MD	10,0	mm		
		CMD	10,0	mm		
Number undulations			22	n°/m		
Composition		PP + PET				
Type of coating		PVC				

Mechanical properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Tensile strength	[EN ISO 10319]	MD	> 20,0	kN/m		
	[EN ISO 10319]	CMD	> 20,0	kN/m		
Elongation at maximum load	[EN ISO 10319]	MD	< 12,0	%		
	[EN ISO 10319]	CMD	< 12,0	%		

Durability properties

Weathering resistance	[EN 12224]	To be covered within 15 days from the day of installation.				
Resistance to hydrolysis	[EN 12447]	Forecast minimum durability of 25 years in natural ground with 4<pH<9 and soil temperature < 25°C.				

The values given are an average obtained in our laboratories and in official testing institutes.
The confidence level is 95%
The right is reserved to make changes any time without notice.

MD = Machine Direction/Longitudinale; CMD = Cross Machine Direction/Trasversale; NA = Not Applicable/Non Applicabile

Ref.

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Approved by CQ



Approved by UT

