

EDILGRID W 30/30



Woven geogrid made of high tenacity polyester yarn coated with PVC.

Physical properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Mass per unit area	[EN ISO 9864]		200	g/m ²	- 10	- 20
Mesh size		MD	23	mm	+/- 12	+/- 3
		CMD	23	mm	+/- 12	+/- 3
Yarn type		PES				
Type of coating		PVC				

Mechanical properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Tensile strength	[EN ISO 10319]	MD	33	kN/m	- 9	- 3
	[EN ISO 10319]	CMD	33	kN/m	- 9	- 3
Elongation at maximum load	[EN ISO 10319]	MD	10	%	+/- 10	+/- 1
	[EN ISO 10319]	CMD	10	%	+/- 10	+/- 1
Strength at 2% of elongation	[EN ISO 10319]	MD	10,0	kN/m	- 20	- 2,0
	[EN ISO 10319]	CMD	8,0	kN/m	- 25	- 2,0
Strength at 3% of elongation	[EN ISO 10319]	MD	13,0	kN/m	- 15	- 2,0
	[EN ISO 10319]	CMD	11,0	kN/m	- 18	- 2,0
Strength at 5% of elongation	[EN ISO 10319]	MD	22,0	kN/m	- 9	- 2,0
	[EN ISO 10319]	CMD	16,0	kN/m	- 13	- 2,1
Strength at 10% of elongation	[EN ISO 10319]	MD	33,0	kN/m	- 9	- 3,0
	[EN ISO 10319]	CMD	33,0	kN/m	- 9	- 3,0

Durability properties

Weathering resistance	[EN 12224]	To be covered within 30 days from the day of installation.
Resistance to hydrolysis	[EN 12447]	Forecast minimum durability of 100 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

