

## EDILGRID W 110/30



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]		435	g/m <sup>2</sup>		
Mesh size		MD	19	mm	+/- 12	+/- 2
		CMD	24	mm	+/- 12	+/- 3
Yarn type		PES				
Type of coating		PVC				

Mechanical properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Tensile strength	[EN ISO 10319]	MD	115	kN/m	- 4	- 5
	[EN ISO 10319]	CMD	33	kN/m	- 9	- 3
Elongation at maximum load	[EN ISO 10319]	MD	11	%	+/- 18	+/- 2
	[EN ISO 10319]	CMD	10	%	+/- 20	+/- 2
Strength at 2% of elongation	[EN ISO 10319]	MD	30,0	kN/m	- 10	- 3,0
	[EN ISO 10319]	CMD	8,0	kN/m	- 25	- 2,0
Strength at 3% of elongation	[EN ISO 10319]	MD	42,0	kN/m	- 8	- 3,4
	[EN ISO 10319]	CMD	11,0	kN/m	- 18	- 2,0
Strength at 5% of elongation	[EN ISO 10319]	MD	65,0	kN/m	- 5	- 3,3
	[EN ISO 10319]	CMD	16,0	kN/m	- 16	- 2,6

### 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 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.

Cod. 001277  
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Approved by CQ



Approved by UT

