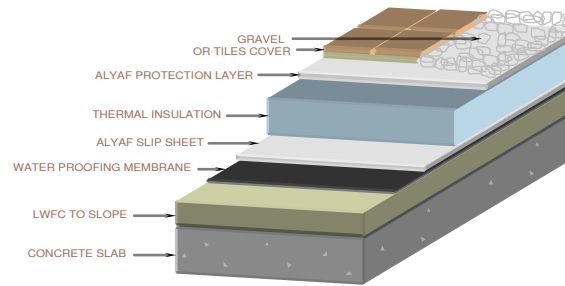


ALYAF P RANGE

PROTECTION
range of polyester nonwoven
needle-punched geotextiles



PROPERTY		TEST METHOD	UNITS	P181	P201	P221	P241	P281	P301	P401
MECHANICAL	Tensile Strength (CD)	EN ISO 10319	kN/m	2.4	3.8	4.8	5.2	7.0	8	15
	Tensile Strength (MD)	EN ISO 10319	kN/m	2.0	3.2	3.8	4.3	5.0	6	10
	Elongation (CD / MD)	EN ISO 10319	%	55/50	55/50	55/50	55/50	55/50	55/50	55/50
	CBR Puncture Resistance	EN ISO 12236	N	400	500	600	700	900	1000	2000
	Dynamic Cone Drop	EN 918	mm	36	35	32	29	26	25	14
HYDRAULIC	Permeability	EN ISO 11058	m/s.10 ⁻³	90	90	85	80	75	70	50
	Flow Rate	EN ISO 11058	l/m ² /s	90	90	85	80	75	70	50
	Opening Size	EN ISO 12956	microns	110	105	100	95	90	85	65
PHYSICAL	Thickness at 2 kPa	EN ISO 9863 -1	mm	1.3	1.5	1.7	1.9	2.0	2.3	3.0
	Weight	EN ISO 9864	g/m ²	80	100	120	140	180	200	300
	Roll Width	nominal	meters	3	3	3	3	3	3	3
	Roll Length	nominal	meters	100	100	100	100	100	100	100

1. Values reported in this data sheet are indicative average results obtained in our laboratory and independent testing laboratories.
2. The right is reserved to make changes at any time without notice.



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