

LIST OF PARAMETERS FOR GREENFOL GEOMEMBRANES - according to the harmonized standard EN 13967

Property	Method of testing	Unit/Requirement	Value		
			TECHFOL 700	TECHFOL 850	TECHFOL 1000
water resistance	PN EN 1928 Test A	2kPa/24h	Meets requirements of the test	Meets requirements of the test	Meets requirements of the test
resistance to static load	PN EN 12730	kg/24h	≥20	≥20	≥20
tensile strength	PN EN 12311-2	N/50mm	MD≥280	MD≥400	MD≥600
			CMD≥220	CMD≥330	CMD≥420
elongation at maximum tensile force	PN EN 12311-2	%	MD≥42	MD≥43	MD≥ 39
			CMD ≥26	CMD ≥25	CMD ≥25
water resistance after artificial aging	PN EN 1928 after testing PN EN 1296	2kPa/24h	Meets requirements of the test	Meets requirements of the test	Meets requirements of the test
water resistance after chemical exposure	PN EN 1928 after testing PN EN 1847	2kPa/24h	Meets requirements of the test	Meets requirements of the test	Meets requirements of the test
impact resistance	PN EN 12691	mm	≥800	≥1000	≥1000
resistance to tearing with the nail: goods without reinforcement	PN EN 12310-1	N	MD≥260	MD≥420	MD≥510
			CMD≥270	CMD≥400	CMD≥505
reaction to fire	PN EN 13501-1	—	F	F	F
compressive strength	PMS 967252:2013	kN/m ²	≥140	≥215	≥295
weight	PN EN 1849-2	g/m ²	700	800	1000