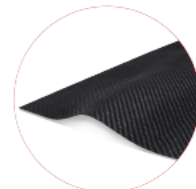


Geodren® W-PP



Woven geotextile made by polypropylene tape for reinforcement, filtration and separation.










Rev.001




Mechanical properties			14T	25T	35T	40T	50T	60T	80T	105T
Tensile strength [EN ISO 10319]	MD	kN/m	14	25	35	40	50	60	80	105
	CMD	kN/m	14	25	35	40	50	60	80	105
Elongation at max.load [EN ISO 10319]	MD	%	14	15	15	17	15	15	15	15
	CMD	%	10	11	13	15	15	10	11	11
Static puncture resistance [EN ISO 12236]		kN	1.8	3.0	3.5	4.5	6.0	7.5	10	12
Dynamic puncture resistance [EN ISO 13433]		mm	21	12	12	10	8	12	5	3

Hydraulic properties										
Permeability normal to the plane [EN ISO 11058]	mm/s		5	7	7	7	18	18	10	9
Characteristic opening size [EN ISO 12956]	µm		300	250	230	200	200	225	200	175

Physical properties										
Mass per unit area [EN ISO 9864]	g/m ²		75	125	160	190	235	280	370	480
Thickness [EN ISO 9863-1]	mm		0.30	0.60	0.80	0.80	1.10	0.90	1.10	1.40

Rolls characteristics										
Width	m		5.30	5.30	5.30	5.30	5.30	5.20	5.20	5.20
Length	m		100	100	100	100	100	100	100	100
Roll weight	Kg		40	66	85	101	125	148	192	250

Durability properties	Product information		Applications		
<p>Geodren W-PP safely passes the weathering test according to EN 12224: it is highly recommended to cover the geotextile within 15 days from the installation; the material can be exposed to sunlight for a maximum of 4 months with a degradation of the mechanical properties depending on the season and on the latitude. The durability forecast is for minimum 50 years in natural ground with a 4<pH<9 and soil temperature > 25 °C.</p>	POLYMER:	Polypropylene, UV stabilized			
	SPECIFIC WEIGHT:	0.91 kg/dm ³			
	RAW MATERIAL:	PP tape			
	PROCESS:	Weaving			
	COLOUR:	Black			
	MELTING POINT:	165-175°C			

Quality Management	Certification	Functions		
<p>A quality management system according to the standard EN ISO 9001:2008 is used by Edilfloor Srl with the objective to achieve the complete customer satisfaction. An internal laboratory leads the quality control procedures for all the existing range and for the development of all the new products. Round-robin tests and constant co-operation with external laboratories are a guarantee of an optimized quality control system.</p> <p>The right is reserved to make changes without notice at any time.</p>	<p>Geodren W fulfills the requirements of the European regulation related to the construction products as per our certificate nr 0799-CPR-259 with a quality control system of 2+ level.</p>			
		<p>Filtration</p> <p>Geodren W-PP acts as a sand filter by allowing water to move through the soil while retaining all upstream soil particles.</p>	<p>Separation</p> <p>Geodren W-PP acts to separate two layers of soil that have different particle size distributions.</p>	<p>Reinforcement</p> <p>Geodren W-PP fulfills the reinforcement function with the aim to increase the mechanical properties of the soil where it is used.</p>

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =

CE
0799-CPR-259

 **Edilfloor**