

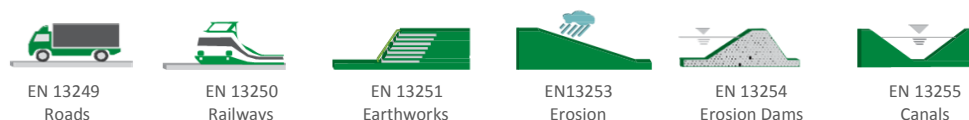
## Technical Datasheet for TeleVev® products

REV.: 11/2020

### Woven polyester high strength geotextile for Soil Reinforcement, filtration and Separation

TeleVev® geotextiles represent a highly specialized combination of high-modulus polyester fibres and advanced weaving technology. The product consists of a dense woven structure of polyester fibres with tight edges, making it easy to sew rolls together. TeleVev® is used for soil reinforcement world wide and are represent in a wide range of applications. Reinforced soil wall, steep embankment slopes, retaining walls, railways, roads, subsoil reinforcement of airports etc.

#### Uses and standards



	Norms	Units	70/70	100/50	100/100	150/50	150/150	200/50	300/50	200/200
Tensile strength MD	EN ISO 10319	kN/m	90 -20	120 -20	120 -20	170 -20	170 -20	220 -20	350 -50	220 -20
Tensile strength CMD	EN ISO 10319	kN/m	90 -20	70 -20	120 -20	70 -20	170 -20	70 -20	70 -20	220 -20
Elongation at max. load MD	EN ISO 10319	%	10 ±2	10 ±2	10 ±2	10 ±2	10 ±2	10 ±2	10 ±2	14 ±2
Elongation at max. load CMD	EN ISO 10319	%	10±2	10±2	10 ±2	10 ±2	10 ±2	10 ±2	10 ±2	10 ±2
Elongation at min. strength	EN ISO 10319	%	Max. 10	Max. 10	Max. 10	Max. 10	Max. 10	Max. 10	Max. 10	Max. 14
Elongation at min. strength	EN ISO 10319	%	Max. 10	Max. 10	Max. 10	Max. 10	Max. 10	Max. 10	Max. 10	Max. 10
Tensile str. at 2% MD	EN ISO 10319	kN/m	15 ±20%	20 ±20%	16 ±20%	30 ±20%	25 ±20%	40 ±20%	50 ±20%	*
Tensile str. at 2% CMD	EN ISO 10319	kN/m	15 ±20%	10 ±20%	16 ±20%	10 ±20%	25 ±20%	10 ±20%	10 ±20%	*
Tensile str. at 5% MD	EN ISO 10319	kN/m	40 ±20%	50 ±20%	45 ±20%	90 ±20%	70 ±20%	110 ±20%	120 ±20%	*
Tensile str. at 5% CMD	EN ISO 10319	kN/m	40 ±20%	35 ±20%	45 ±20%	30 ±20%	70 ±20%	30 ±20%	30 ±20%	*
CBR (Static Puncture Resistance)	EN ISO 12236	kN	10 -3	10 -3	12 -3	11 -3	19 -3	12 -3	13 -3	24 -3
Opening size O <sub>90</sub>	EN ISO 12956	µm	160 ±70	150 ±70	100 ±35	100 ±35	80 ±35	100 ±35	90 ±35	80 ±35
Dynamic perforation	EN ISO 13433	mm	22 +7	20 +7	20 +7	25 +7	12 +7	20 +7	12 +7	5 +3
Velocity index	EN ISO 11058	ms <sup>-1</sup>	0,020 -0,006	0,020 -0,006	0,009 -0,006	0,010 -0,006	0,005 -0,003	0,006 -0,003	0,005 -0,003	0,007 -0,003
Mass	EN ISO 9864	g/m <sup>2</sup>	230 ±5%	240 ±5%	310 ±5%	320 ±5%	470 ±5%	370 ±5%	550 ±5%	650 ±5%
Size of material	-	m	5,3 x 200	5,3 x 200	5,3 x 200	5,3 x 200	5,3 x 100	5,3 x 100	5,3 x 100	5,3 x 100
Area	-	m <sup>2</sup>	1060 ±0,5%	1060 ±0,5%	1060 ±0,5%	1060 ±0,5%	530 ±0,5%	530 ±0,5%	530 ±0,5%	530 ±0,5%
Other dimensions are available on request										

\*The values given are indicative and correspond to average results obtained in our laboratories and in accredited testing institutes. The company reserves the right to make changes at any time; without notice;