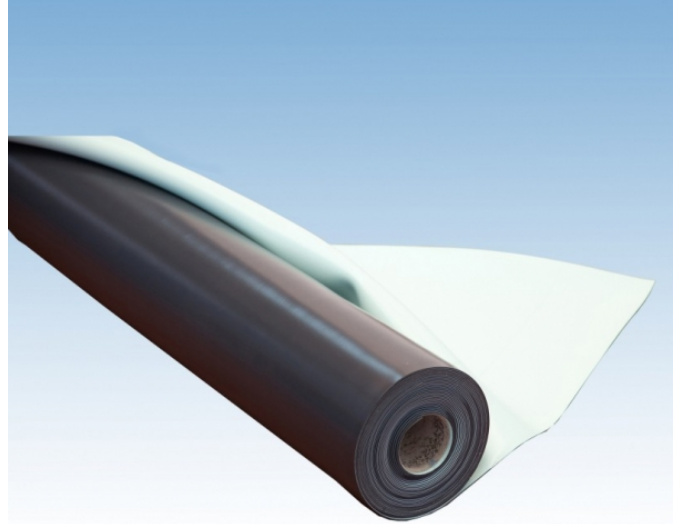


## VINITEX SL

VINITEX SL is a non-reinforced flexible PVC-P membrane with a signal layer.

### ADVANTAGES

- Weatherproof resistance.
- Highly puncturing resistance.
- Excellent mechanical properties.
- Easily Hot-air weldable, even several years after installation.
- Excellent flexibility at low temperatures.
- Root resistant according to EN 13948:2008.
- Highly resistant to attack by micro-organisms.



### APPLICATION

VINITEX SL is a two coloured membrane used as a waterproofing layer in civil engineering and building structures, such as; Tunnels and buried galleries, cut and cover tunnels, underground works, covering of buried structures and underground car parks.

### REGULATIONS

- Produced under European Standard EN 19367 and EN 13491. Certificate CE nº 1085/CPR/0264.
- Manufactured by coextrusion or cast process in a plant certified ISO 9001.

## Synthetic Waterproofing PVC

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## PACKAGING AND STORAGE

Colour (Surface/underside) Yellow / Dark grey

	Vinitex SL 1.5	Vinitex SL 2.0	Vinitex SL 3.0
Length (m)(1)	20	20	20
Width (m)	2.10	2.10	2.10
m2/roll	42	42	42
m2/pallet	966	756	462
Rolls/pallet	23	18	11

Storage: Horizontal and parallel (never crossed). Supplied in roll son cardboard tubing. Store in the original packaging in a dry and cool place.

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## TECHNICAL PROPERTIES

PROPERTIES	Unit	Test method	Vinitex SL 1.5	Vinitex SL 2.0	Vinitex SL 3.0
Thickness	mm	EN 1849-2	1.5 (±5%)	2.0 (±5%)	3.0 (±5%)
Mass per unit area	Kg/m <sup>2</sup>	EN 1849-2	1.95	2.6	3.9
Reaction to fire		EN 13501-1	E	E	E
Water	-	EN 1928 (B)	Pass	Pass	Pass
Tightness		EN 14150	< 10-6m <sup>3</sup> m-2d-1	< 10-6m <sup>3</sup> m-2d-1	< 10-6m <sup>3</sup> m-2d-1
Tear resistance	N	EN 12310-1	> 120	>150	> 225
Tear resistance	N/mm	ISO 34	≥ 45	≥ 45	≥ 45
Joint shear resistance	N/50 mm	EN 12317-2	> 750	> 1000	> 1500
Impact resistance	mm	EN 12691	≥ 450	≥ 750	≥ 1000
Tensile strength to Break (LxT)	N/mm <sup>2</sup>	ISO 527-3	≥ 15x14	≥ 15x14	≥ 15x14
Elongation to Break (LxT)	%	ISO 527-3	≥ 300x280	≥ 300x280	≥ 300x280
Static puncture resistance	KN	ISO 12236	≥ 2.2	≥ 2.2	≥ 3.4
Static puncture resistance	Kg	EN 12730	≥ 20	≥ 20	≥ 20
Durability:					
After thermal ageing	-	EN 1296	Pass	Pass	Pass
After immersion in chemicals	-	EN 1847	Pass	Pass	Pass
Resistance to oxidation	%	EN 14575	≤ 25	≤ 25	≤ 25
Foldability at low temperatures	°C	EN 495-5	≤ - 25	≤ - 25	≤ - 25
Root resistance	-	CEN/TS 14416	Pass	Pass	Pass
Dimension stability	%	EN 1107-2	≤ 2	≤ 2	≤ 2

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