



FIBRELOK ARENA 1600T

Thermally bonded non-woven geotextile

The ARENA range of Nonwoven Geotextiles have been designed to offer optimum performance per unit weight. Their resulting mechanical robustness and excellent hydraulic properties make them the ideal choice for separation and filtration. Produced on state of the art equipment, the ARENA geotextile range sets standards in terms of quality and mechanical performance.

Typical Applications for ARENA1600T

- Separating/Strengthening - layer under access roads and areas of hard standing
- Equestrian Arena and Gallop construction.
- Filter surround for trench drains
- Filter surround for infiltration tanks
- Filtration - allowing the flow of water whilst preventing the passage of soil



Mechanical Properties	Test Method	Units	ARENA1600T
Tensile Strength -MD	EN ISO 10319	KN/m	13
Tensile Strength -XD	EN ISO 10319	KN/m	13
Elongation at break - MD	EN ISO 10319	%	45.0
Elongation at break - XD	EN ISO 10319	%	50.0
CBR Puncture Resistance	EN ISO 12236	N	2150
Dynamic Cone Drop	EN ISO 13443	mm	21.5
Hydraulic Properties	Test Method	Units	ARENA1600T
Opening Size (O ₉₀)	EN ISO 12956	mm	110
Permeability vertical (V _{IH50})	EN ISO 11058	l/m ² s	105
Physical Properties	Test Method	Units	ARENA1600T
Thickness under 2kPa	EN ISO 9863-1	mm	1.40
Weight	EN ISO 9864	g/m ²	160
Roll Size		m	4.5 x 100m
Jointing Method For Arena Construction – Hot Melt Glue			Product: Fibrelok Geoflex Glue Sticks

1. Fibrelok Geosynthetics reserves the right to alter product specifications without prior notice.
2. It is the responsibility of all users to satisfy themselves that the above data is current.
3. The above figures are average values obtained from testing to current EN geotextile test standards.
4. Although not guaranteed, these results do to the best of our knowledge, offer a true and accurate record of the products performance.
5. Fibrelok Geosynthetics cannot accept responsibility for the performance of these products as the conditions of use are beyond our control.
6. Installation details are available on request.