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Geotextile Comparison: Terram 1500 & Ekotex 12 (1500)

	Standard	Unit	Terram 1500	Ekotex 12 (1500)	Ekotex 12 (1500) Comparison
Product References	-	-	T-1500	Eko 12 (1500)	-
Type of Product	-	-	Non-Woven	Non-Woven	**Equal**
Production Method	-	-	Thermally bonded	Thermally Bonded	**Equal**
Static Puncture Resistance	**EN ISO 12236**	**kN**	2.25	2.25	**Equal**
Wide-width Tensile Test (Strip-test, 200mm):	**EN ISO 10319**	**kN/m**	-	-	-
Longitudinal direction			12.5	14	**Better**
Transverse direction			12.5	15	**Better**
Elongation at break (MD/CD)		**%**	27	60	**Better**
Dynamic perforation (Cone Drop Test)	**EN 13433**	**mm**	32	21	**Better** A lower figure indicates greater resistance to damage.
Water flow rate	**EN ISO 11058**	**l/m²s**	65	85	**Better** Higher flow is better for drainage
Pore size $d_{90\%}$	**EN ISO 12956**	**Micron**	65	60	**Better** Smaller pore size is generally better as it prevents the migration of fine particles.
Dimensions Width	-	**m**	4.5	4.5	**Equal**
Length	-	**m**	100	100	**Equal**
Roll diameter	-	**cm**	35	45	-

Summary	
Tensile Strength	Ekotex is stronger Terram.
Static Puncture Resistance	Ekotex is equal to Terram in terms of puncture resistance.
Elongation at Break	Ekotex can withstand more installation stresses when compared to Terram.
Dynamic Performation	Ekotex is more resistant to damage once installed.
Water flow	Ekotex is better for drainage as the flow rate is higher.

The above technical values are mean values based on measurements in current production and test results from independent test institutes.
The 'Terram' figures were obtained from the current datasheet online 26.01.15
Geosynthetics Limited accept no responsibility for improper use or misinterpretation of the technical specifications published in connection with Ekotex Geotextiles.
Wet or dry, the properties of Ekotex Geotextiles remain unchanged, and are resistant to attacks of dry rot or fungi. Ekotex Geotextiles are resistant to acids and alkalis.

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