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Geotextile Comparison: Terram 2000 & Ekotex 14 (1200)

	Standard	Unit	Terram 2000	Ekotex 14 (2000)	Ekotex 14 (2000) Comparison
Product References	**-**	**-**	T-2000	Eko 14 (2000)	-
Type of Product	**-**	**-**	Non-Woven	Non-Woven	**Equal**
Production Method	**-**	**-**	Thermally bonded	Thermally Bonded	**Equal**
Static Puncture Resistance	**EN ISO 12236**	**kN**	2.75	2.75	**Equal**
Wide-width Tensile Test (Strip-test, 200mm):	**EN ISO 10319**	**kN/m**	-	-	-
Longitudinal direction			14.5	16	**Better**
Transverse direction			14.5	16.5	**Better**
Elongation at break (MD/CD)		**%**	60	60	**Equal**
Dynamic perforation (Cone Drop Test)	**EN 13433**	**mm**	26	19	**Better** A lower figure indicates greater resistance to damage.
Water flow rate	**EN ISO 11058**	**l/m²s**	65	79	**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.

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 an equal amount of 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.
Pore size	Smaller pore size allows Ekotex to restrict more fine particles thereby improving seperation and assisting drainage

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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