



DESCRIPTION

Complex made from a reinforcement geonet obtained from high tenacity PP welded with a geotextile non-woven, into the matrix of the geonet. Used as substrate for RAYSTON SPRAY LINER MEMBRANES in those applications that require a very high resistance to tensile and tear and a continuous membrane that is free of overlaps and joints.



Property	Test Method	Unit	Values
Geonet			
Raw Material			White Polypropylene
Unit mass per area	EN ISO 9864	g/m ²	200
Max. Tensile strength	md*/cmd** EN ISO 10319	kN/m	> 30 / > 30
Elongation at max. Tensile	mc/cmd EN ISO 10319	%	< 8 / < 8
Tensile strength at 1% elongation	mc/cmd EN ISO 10319	kN/m	6 / 6
Tensile strength at 2% elongation	mc/cmd EN ISO 10319	kN/m	12 / 12
Tensile strength at 5% elongation	mc/cmd EN ISO 10319	kN/m	24 / 24
Mesh opening,	md * cmd	mm * mm	approx. 32 * 32
Geotextile			
Unit mass per area	EN ISO 9864	g/m ²	> 150
Max. Tensile strength *	md*/cmd* EN ISO 10319	kN/m	7,5 / 11,0
Elongation at max. Tensile	mc/cmd EN ISO 10319	%	40 / 30
Puncture resistance	EN ISO 12236	N	1670
Displacement at point	EN ISO 12236	mm	30
of puncture testing			
Test detector			Sí
Roll dimensions		m	4,75 * 100

*md- machine direction

**cd-cross direction

OTHER INFORMATION

The above mentioned technical values are indicative only, obtained at our labs or/and independent testing bodies. These products could suffer changes or improvements without previous notification.

The information contained in this DATA SHEET, as well as our advice, both written as verbal or provided through testing, are based on our experience, and they do not constitute any product guarantee for the installer, who must consider them as simple information.

We recommend studying deeply all information provided before proceeding to the use or application of any of our products, and strongly advise to conduct tests "on-site" in order to determine their convenience for a specific project.

Our recommendations do not exempt of the obligation of installers to deeply study the right application method for these systems before use, as well as to conduct as many preliminary tests as possible should any doubt arise. The application, use and processing of our products are beyond our control, and therefore under the exclusive responsibility of the installer. In consequence, the installer will be the only responsible of any damage derived from the partial or total in-observation of our indications, and in general, of the inappropriate use or application of these materials.

This data sheet supersedes previous versions.