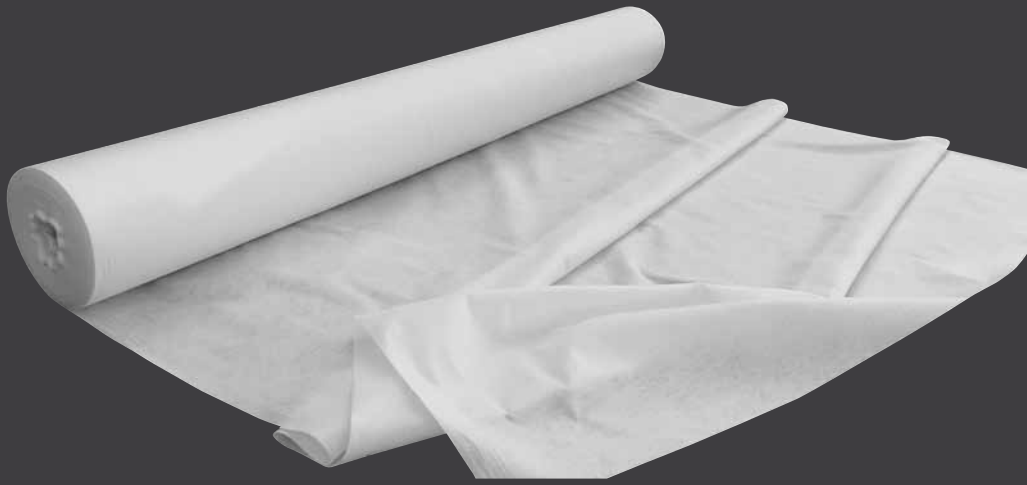




GeoTeknik

1100 Non-Woven Filtration Geotextile

GeoTeknik 1100 Non-Woven Filtration Geotextile is a non-woven textile product in white color, which is produced by the method of knitting polypropylene-based fibers and application of thermal treatment as to be filtration material.

Fields of Application

GeoTeknik 1100 Non-Woven Filter Geotextile is used as an in-between filter material to prevent the fine material from blocking the pores of other material or avoid the formation of washing phenomenon in the cases where coarse and fine materials are used together for engineering applications. To prevent the slippage of geotextile during the filling process, it should be applied with an overlap of minimum 20 cm under the previous geotextile.

GeoTeknik Non-Woven Filter Geotextile white and non-woven geotextile material, which is recommended as a filtering and bearing material for efficient control and direction of the water, is used in the following areas.

- Green-roof drainage,
- French drains,
- Perforated pipe coverings,
- Vertical applications such as tunnel and retaining wall,
- Seaside buildings.

Advantages

- Produced by using pure polypropylene fibers.
- Its structure ensures homogenous dispersion of fibers thanks to tight knitting and advanced production technology.



Packaging And Storage

- The materials are shipped in the form of rolls with 3 m width and 100 m length.

Technical Specifications

Test	Standard	Unit	Value
Weight		g/m ²	110
Thickness (at 2kPa)	TS EN ISO 9863-1	mm	0.90
Tensile Strength MD CMD	TS EN ISO 10319	kN/m	3 4
Elongation at break	TS EN ISO 10319	%	50-80
Static Puncture	TS EN ISO 12236	N	500
Dynamic Puncture	TS EN ISO 13433	mm	33
Permeability	TS EN ISO 11058	l/m ² s m/s	110 0.11
Aperture Size	TS EN ISO 12956	mm	0.14

