



IzoTeknik Protector

IzoTeknik Protector is a nonwoven textile product produced in dark color by method of needling of pure polypropylene much thinner than millimeter or pure polyester based fibers as filtration material. It is manufactured in four versions, TYPE A, TYPE B, TYPE C and TYPE D suitable to the details where it is used as preservation material.



IzoTeknik Protector

FIELDS OF APPLICATION AND USAGE

- It is used on thermal insulating boards for terrace roof applications thanks to its high puncture resistance, protecting the underlying materials against impacts and allowing different operation of the materials and preventing flow of cement grout downward.
- It is used on the building foundations to preserve water insulation applications thanks to its pressure distribution effect.
- It protects the geo-membranes used on open lands against any tear or impairment arising from puncture and excessive friction.

It is brought on the treated surface in roll and should be spread on the stretch for complete contact with the surface. In order to prevent slippage of the geotextile during the filling process, it should be applied below the previous geotextile with an overlap of 25 cm minimum.

ADVANTAGES

- It is produced by use of pure fiber.
- It has such a structure as to ensure

homogenous distribution of the fibers thanks to frequent needling and superior production technology.

- Quick application advantage with minimum overlapping and labor saving over large areas thanks to production up to 6 m in width.

Produced from pure polypropylene or pure polyester fiber, **IzoTeknik** nonwoven geotextiles are used for buildings, transportation structures, tunnels, dams and irrigation canals, ponds, solid waste storage area constructions and playgrounds for separation, filtration and protection purpose.

PACKAGING AND STORAGE

Materials are shipped in rolls, 1 – 6m in width and 30 – 100 m in length.

Materials should be stored on flat floor and indoor. No smoking in the storage area. The products should be stored away from direct sunlight and heating and combustible sources.

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	STANDARD	UNIT	TYPE A	TYPE B	TYPE C	TYPE D
Static Perforation	TS EN ISO 12236	N	1800	3000	4700	9000
Dynamic Perforation	TS EN ISO 13433	mm	26	16	8	1
Tensile Strength (MD)	TS EN ISO 10319	kN/m	9	17	26	45
Tensile Strength (CMD)			11	19	28	50
Break at Elongation (MD)	TS EN ISO 10319	%	50-80	50-80	50-80	50-80
Break at Elongation (CMD)			50-80	50-80	50-80	50-80
Water Permeability	TS EN ISO 11058	L/m ² sn	0,080	0,040	0,015	0,010

Roll Packing

