

PRODUCT NO.: 1.479

ANTI-ROOT DRAINAGE GEOTEXTILE SEPARATION FILTER

CHARACTERISTICS:

Geotextile separation based on polypropylene with high filtering power.

SPECIFICATIONS:

Weight (EN ISO 9864)	gr /m ²	:	90
Thickness at 2 kN/ m ² (EN ISO 9863-1)	mm	:	0.39
200 kN/m ² (EN ISO 9863-1)	mm	:	0.31
Energy Absorption (EN ISO 10319)	kJ/m ²	:	1.8
Elongation (EN ISO 10319)	%	:	40
Tensile strength (EN ISO 10319)	kN/m	:	5.0
Puncture resistance CBR: (EN ISO 12236)	N	:	415
Grip resistance (ASTM D4632)	N	:	450
Tear Resistance (ASTM D4533)	N	:	220
Pore size (EN ISO 12956)	µm	:	175
Flow with water sheet of 10cm. (BS 6906-3)	l/m ² s	:	175
Speed Index (EN ISO 11058)	10 ⁻⁴ ms ⁻¹	:	100
Permeability Value "K":			
- Low 20 kN/m ² (DIN 60500-4)	10 ⁻⁴ ms ⁻¹	:	4.7
- Low 200 kN/m ² (DIN 60500-4)	10 ⁻⁴ ms ⁻¹	:	3.1

Durability:

* The effect of UV rays:

Exposure to direct sunlight lasting several months does not affect **GEOTEXTIL** but loss in resistance may occur as a result of prolonged exposure. The product must be covered 2 weeks after its installation.

* Normal acids and alkalis on the ground:

Have no effect on the material.

* Resistance to oxidation (EN ISO 13438):

Retains 100% of the resistance.

* Chemical Resistance (EN 14030):

Retains 100% of the resistance.

* Microbiological resistance (EN 12225):

Retains 100% of the resistance.

Other properties:

- Nature of the polymer	:	100% polypropylene
- Specific weight of polymer	:	0.91
- Melting point	:	165° C
- Operating temperature range	:	-40 ° C - 100° C
- Type of filament	:	continuous
- Fiber diameter	:	40-50 µm
- Filament union	:	thermal

APPLICATIONS:

- Its preferential application is for the protection of the waterproofing that is to be covered by flooring, a cement base, concrete or screed.
- On concrete bases, it is placed on the surface before pouring.
- As an inserted element between waterproofing exterior basement walls between the filling and the waterproofing.
- To guarantee a good drainage of the land separating the gravel from the filling.
- In gardening it isolates soil and other substances rich in organic matter.
- For pavement surfaces separating the zahorra from the base.
- For protecting water canalizations of buried drainage pipes.

INSTRUCTIONS FOR USE:

When this material is used on liquid waterproofing (IMPERM.E-88, IMPERAL 98, etc.), it will be placed after verifying that it has already dried completely (10-15 days after its application on site). The overlaps should be 10 cm to prevent any discontinuity.

STORAGE:

- Do not leave the rolls exposed to ultraviolet rays for an extended period of time.
- Protect from the elements in a clean and dry place.

BENEFITS

- * Effective filtering power.
- * Good puncture resistance.
- * Low compressibility and silting.
- * Imputrescible when in contact with microorganisms.

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