



Plantex[®] Geoproma[®]

The ideal solution for your stabilisation and filtration problems





DuPont™ Plantex® Geoproma® is a 100 % thermally-bonded polypropylene, rot-proof geotextile. It avoids the loss of bedding into the subsoil, and prevents soil from migrating into the drainage system. Plantex® Geoproma® ensures your construction stays even- for a long time. Its filtration characteristics ensure continuous drainage. It is chemically inert, does not deteriorate and is environmentally friendly.

In case of pedestrian, car traffic or parking lots, Plantex® Geoproma® is used as a separator and stabilisation layer. Thanks to its excellent water permeability property and based on its texturing and cross-section, it is clogging-free, so that the efficiency of the drainage systems is improved. That means a decrease in the amount of gravel and an increase in the lifetime of the structure.

For sidewalks or temporary used roads, Plantex® Geoproma® is used as a separation layer between the subsoil and the gravel / crushed stones. It prevents crushed stones or gravels to be pushed into subsoil and simultaneously prevents weeds to access from the subsoil to the surface. Additionally, it enhances the bearing capacity of the road and does not block the moisture to go to the soil thanks to its water permeability.

- Strong stabilizer and layer separator, helps ensure that structures stay flat for a very long time
- Perfect filter
- Easy to install, light weight rolls are easy to carry and transport

- Easy to cut by using scissors/knife
- Saves aggregate and avoids the loss of bedding into the subsoil
- Can be covered with many different materials (paving slabs, gravel, sand...)

Properties	Test method	Unit	Mean Value
Product Description			
Basis weight	EN ISO 9864	g/m ²	90
Thickness under 2 kN/m ²	EN ISO 9863-1	mm	5.0
Hydraulic characteristics			
Water permeability VI _{H50}	EN ISO 11058	mm/s	100
Mechanical characteristics			
Elongation at break	EN ISO 10319	%	40
Tensile strength at 5% elongation	EN ISO 10319	kN/m	2.6
Energy absorption	ASTM D4533	kJ/m ²	1.8
Static puncture resistance	EN ISO 12236	N	750
Dynamic puncture	EN ISO 13433	mm	45
Opening size O _{90W}	EN ISO 12956	µm	175

Note: The values correspond to average results obtained in our laboratories and external institutes and are indicative. This information may be subject to revision as new knowledge and experience become available.

Product dimensions

	0.5 x 50 m	
Plantex® Geoproma®	1 x 25 m	2 x 25 m
	1 x 80 m	

- Avoid any contact of the product with any kind of pesticides, especially herbicides
- Visit www.plantexpro.dupont.com for specific installation instructions for Plantex® Geoproma®



DuPont de Nemours (Luxembourg) S.à.r.l.
L-2984 Luxembourg
www.plantexpro.dupont.com

The product information available here corresponds to our current knowledge and experience on the subject. It is offered solely as information and to provide possible suggestions for your own experimentation to determine for yourself the suitability of our products for your particular purposes and for any specific application of our products. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions DuPont de Nemours has no obligation relative to results and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a licence to operate under or a recommendation to infringe any patent right.

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