



# Plantex<sup>®</sup> Geoproma<sup>®</sup>

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 <sup>2</sup>	90
Thickness under 2 kN/m <sup>2</sup>	EN ISO 9863-1	mm	0.39
Hydraulic characteristics			
Water permeability VI <sub>H50</sub>	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 <sup>2</sup>	1.8
Static puncture resistance	EN ISO 12236	N	750
Dynamic puncture	EN ISO 13433	mm	45
Opening size O <sub>90W</sub>	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](http://www.plantexpro.dupont.com) for specific installation instructions for Plantex® Geoproma®



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