



*The miracles of science™*

# **DUPONT™ PLANTEX® LANDSCAPE SOLUTIONS**

## **Guidebook**

*[www.plantexpro.dupont.com](http://www.plantexpro.dupont.com)*



## APPLICATION REFERENCE TABLE

		Function					Residential / Non-residential														
Product category	Product brand	Weed control	Root control	Soil erosion	Stabilisation	Drainage	Plant protection	Path	Driveway	Patio	Parking lot	Pond	Paved area	Drainage system	Wall drainage	Park	Timber decking	Slopes	Hedges	Turf area	Fruit and vegetable growing
Weed control solution	DuPont™ Plantex® Premium & Pro																				
	DuPont™ Plantex® Gold																				
	DuPont™ Plantex® Cocomat																				
Root control solution	DuPont™ Plantex® RootBarrier																				
Surface stabilisation solution	DuPont™ Plantex® Geoproma®																				
	DuPont™ Plantex® GroundGrid®																				

■ = recommended





**Five reasons to make DuPont™ Plantex® your preferred choice:**

- Helps to reduce the use of chemicals in landscaping
- Highly efficient weed and root resistance due to thermal bonding product technology
- Maintains its performance over long life time
- No risk of any substance release from the material
- Quick and easy installation: can be cut to required dimensions by scissors or cutters without risk of fibre release from material over time







## PRODUCT REFERENCE TABLE

Product	Product description	Basis weight (g/sqm)	Unit dimension (m)
<b>Weed control</b>			
<b>DuPont™ Plantex® Premium</b>	Premium weed control. An effective barrier to weeds. Allows plants to grow well. Little maintenance. Permeable to water and air.	68	1 x 50
		68	2 x 100
		68	1 x 100
		68	4 x 100
		68	2 x 50
<b>DuPont™ Plantex® Pro</b>	Efficient, long lasting protection. High porosity.	90	1 x 50
		90	2 x 50
<b>DuPont™ Plantex® Gold</b>	Bi-coloured, brown and black non-woven weed control barrier for long lasting, and highly effective weed control even against tough weeds such as couch grass, horsetail, bindweed. Ideal for application on slopes where it can be used covered as well as uncovered. The brown coloured side makes it look more natural.	125	4 x 100
		125	5.2 x 100
		125	1 x 100
		125	1 x 1200
		125	2 x 100
		125	2 x 1200
		125	1.15 x 1200
<b>DuPont™ Plantex® Cocomat</b>	An aesthetic, naturally looking fabric offering weed and erosion control in a single fabric. Consists of DuPont™ Plantex® weed control fabric covered with layer of untreated coconut fibres. Suitable for slope greening, boulders or rock, embankments, landscaping, Shore areas of water basins, storage ponds, sewage basins, lakes, traffic infrastructures, fruit and vegetable growing, prevents contact to ground.	540	1.2 x 22.5
		540	2.4 x 22.5



Product	Product description	Basis weight (g/sqm)	Unit dimension (m)
Root control			
DuPont™ Plantex® RootBarrier	Coated non-woven, ideal for preventing invasive growth and damage by aggressive plant roots, e.g. bamboo. It protects underground drainage, sewage, piping and cable systems from root invasion and damage. By controlling the growth of aggressive rooting plants and trees, it also protects patios, paved areas, asphalted surfaces as well as buildings and utility channels.	325	2 x 800
		325	2 x 100
		325	1.4 x 30
		325	1 x 30
		325	0.7 x 30
		325	0.5 x 30
Stabilisation and drainage fabrics			
DuPont™ Plantex® GroundGrid®	Three-dimensional honeycomb structure based on a non-woven, 100% polypropylene fabric. Stabilises gravel surfaces in domestic parking areas and paths. Prevents erosion on slopes and sloping pond banks.  GroundGrid® 55 mm x 50 mm GroundGrid® 110 mm x 50 mm GroundGrid® 110 mm x 100 mm		
		470	1.25 x 8
		350	1.25 x 8
		690	1.25 x 8
DuPont™ Plantex® Geoproma®	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.	90	0.5 x 50
		90	1 x 25
		90	1 x 80
		90	2 x 25
Accessories			
Anchor Pins	Metal U-shaped hooks	n.a.	0.03 x 0.15
DuPont™ Plantex® tape	Recommended accessory for DuPont™ Plantex® Liner and DuPont™ Plantex® RootBarrier.	n.a.	0.05 x 10

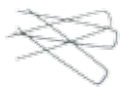




# DUPONT™ PLANTEX® PREMIUM

Standard weed control

	Weed control	Root control	Soil erosion	Stabilisation	Drainage	Plant protection	Impermeable lining	Turf and seed protection
	✓					✓		
<b>Product</b>	<ul style="list-style-type: none"> <li>• 100% polypropylene, thermally bonded product technology</li> <li>• 68 g/m<sup>2</sup></li> <li>• Black colour</li> </ul>							
<b>Applications</b>	Path / Patio / Paved area / Park / Timber Decking / Hedges / Under turf / Fruit and vegetable growing							
<b>Benefits</b>	<ul style="list-style-type: none"> <li>• Allows the soil and plant roots to breathe and flourish whilst keeping the weeds underground</li> <li>• Water, air and nutrient permeable</li> <li>• Less mulch/top layer required when used with Plantex® as it prevents the mulch mixing with the soil</li> <li>• Less maintenance required in green areas</li> <li>• Very strong and durable fabric</li> <li>• Chemically inert and stable in all types of soil (acid and alkaline)</li> <li>• Rot resistant</li> <li>• Recyclable</li> </ul>							
<b>Installation</b>	<ul style="list-style-type: none"> <li>• Quick and easy installation: can be cut to required dimensions by scissors or cutters</li> <li>• Remove existing weed and level the soil</li> <li>• Unroll DuPont™ Plantex® Premium on the soil</li> <li>• If using several runs, overlap at least 10 cm and fix with pins, also fix edges with pins, 2 pins per running meter recommended</li> <li>• Plants can be planted by simple cross cutting into DuPont™ Plantex® Premium</li> <li>• Cover with mulch or gravel</li> </ul>							



Recommended accessories: DuPont™ Plantex® Anchor Pins

\* Retains performance for over 20 years if topped with a 5 cm layer of mulch or gravel.  
 For more information on our warranty conditions, please visit our website [www.plantexpro.dupont.com](http://www.plantexpro.dupont.com)



### Technical characteristics

- Polymer: 100% black polypropylene
- Density: 0.91
- Melting point: 165° C
- Fibre type: continuous filaments
- Bonding: thermal
- Safety: causes no damage to human health or the environment
- Colour: black

Properties	Standard	Value/Unit
Basis weight	EN ISO 9864	68 g/m <sup>2</sup>
Thickness	EN ISO 9863-1	0,35 mm
Tensile strength	EN ISO 10319	3,4 kN/m
Elongation at break	EN ISO 10319	35 %
Static puncture resistance	EN ISO 12236	500 N
Dynamic puncture	EN ISO 13433	50 mm
Tear resistance	ASTM D4533	160 N
Opening size O <sub>90W</sub>	EN ISO 12956	0,225 mm
Water permeability VI <sub>H50</sub>	EN ISO 11058	180 mm/s

These values are nominal values recorded in our laboratories and by independent institutes and are indicative.

### Durability

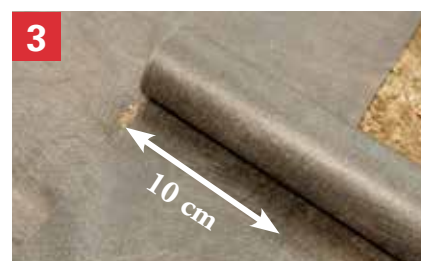
No affect when tested according to:

- EN ISO 13438 (Oxydation resistance)
- EN 14030 (Chemical resistance)
- EN 12225 (Microbiological resistance)

### Dimensions

- 1 x 50 m (49 rolls/pallet) /
- 2 x 50 m (56 rolls/pallet) /
- 4 x 100 m (8 rolls/pallet)

### Installation



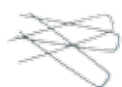




# DUPONT™ PLANTEX® PRO

Professional weed control

	Weed control	Root control	Soil erosion	Stabilisation	Drainage	Plant protection	Impermeable lining	Turf and seed protection
	✓					✓		
<b>Product</b>	<ul style="list-style-type: none"> <li>• 100% polypropylene, thermally bonded product technology</li> <li>• 90 g/m<sup>2</sup></li> <li>• Black colour</li> <li>• UV stabilised</li> </ul>							
<b>Applications</b>	Path / Patio / Paved area / Park / Timber Decking / Hedges / Under turf / Fruit and vegetable growing							
<b>Benefits</b>	<ul style="list-style-type: none"> <li>• Allows the soil and plant roots to breathe and flourish whilst keeping the weeds underground</li> <li>• Water, air and nutrient permeable</li> <li>• Less mulch/top layer required when used with Plantex® as it prevents the mulch mixing with the soil</li> <li>• Less maintenance required in green areas</li> <li>• Very strong and durable fabric</li> <li>• Chemically inert and stable in all types of soil (acid and alkaline)</li> <li>• Rot resistant</li> <li>• Recyclable</li> </ul>							
<b>Installation</b>	<ul style="list-style-type: none"> <li>• Quick and easy installation: can be cut to required dimensions by scissors or cutters</li> <li>• Remove existing weed and level the soil</li> <li>• Unroll DuPont™ Plantex® Pro on the soil</li> <li>• If using several runs, overlap at least 10 cm and fix with pins, also fix edges with pins, 2 pins per running meter recommended</li> <li>• Plants can be planted by simple cross cutting into DuPont™ Plantex®</li> <li>• Cover with mulch or gravel</li> </ul>							



Recommended accessories: DuPont™ Plantex® Anchor Pins

\* Retains performance for over 25 years if topped with a 5 cm layer of mulch or gravel.  
For more information on our warranty conditions, please visit our website [www.plantexpro.dupont.com](http://www.plantexpro.dupont.com)





### Technical characteristics

- Polymer: 100% black polypropylene
- Density: 0.91
- Melting point: 165° C
- Fibre type: continuous filaments
- Bonding: thermal
- Safety: causes no damage to human health or the environment
- Colour: black

Properties	Standard	Value/Unit
Basis weight	EN ISO 9864	90 g/m <sup>2</sup>
Thickness	EN ISO 9863-1	0,39 mm
Tensile strength	EN ISO 10319	5 kN/m
Elongation at break	EN ISO 10319	40 %
Static puncture resistance	EN ISO 12236	750 N
Dynamic puncture	EN ISO 13433	40 mm
Tear resistance	ASTM D4533	220 N
Opening size O <sub>90W</sub>	EN ISO 12956	0,175 mm
Water permeability VI <sub>H50</sub>	EN ISO 11058	100 mm/s

These values are nominal values recorded in our laboratories and by independent institutes and are indicative.

### Durability

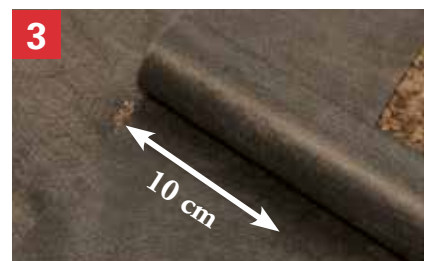
No affect when tested according to:

- EN ISO 13438 (Oxydation resistance)
- EN 14030 (Chemical resistance)
- EN 12225 (Microbiological resistance)

### Dimensions

- 1 x 50 m (30 rolls/pallet)/ • 2 x 50 m (32 rolls/pallet)

### Installation

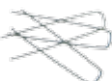






## DUPONT™ PLANTEX® GOLD

Superior weed control even against tough weeds

	Weed control	Root control	Soil erosion	Stabilisation	Drainage	Plant protection	Impermeable lining	Turf and seed protection
	✓		✓			✓		
<b>Product</b>	<ul style="list-style-type: none"> <li>• 100% polypropylene, thermally bonded product technology</li> <li>• 125 g/m<sup>2</sup></li> <li>• Black/brown colour</li> <li>• UV stabilised</li> </ul>							
<b>Applications</b>	Slopes / Hedges / Paths / Driveway / Patio / Parking lot / Pond / Paved area / Park / Fruit and vegetable growing							
<b>Benefits</b>	<ul style="list-style-type: none"> <li>• Can be used without mulch</li> <li>• Controls soil erosion</li> <li>• Allows the soil and plant roots to breathe and flourish whilst keeping the weeds underground</li> <li>• Water, air and nutrient permeable</li> <li>• Less mulch/top layer required when used with Plantex® as it prevents the mulch mixing with the soil</li> <li>• Less maintenance required in green areas</li> <li>• Very strong and durable fabric</li> <li>• Chemically inert and stable in all types of soil (acid and alkaline)</li> <li>• Rot resistant</li> <li>• Recyclable</li> </ul>							
<b>Installation</b>	<ul style="list-style-type: none"> <li>• Easy and fast installation: can be cut to required dimensions by scissors or cutters</li> <li>• Remove existing weed and level the soil</li> <li>• Unroll DuPont™ Plantex® Gold on the soil</li> <li>• If using several runs, overlap at least 10 cm and fix with pins, also fix edges with pins, 2 pins per running meter recommended</li> <li>• Plants can be planted by simple cross cutting into DuPont™ Plantex® Gold</li> <li>• Cover with mulch or gravel if necessary</li> </ul>							
	Recommended accessories: DuPont™ Plantex® Anchor Pins							

\* Retains performance for over 25 years if topped with a 5 cm layer of mulch or gravel, 3-5 years if not covered and exposed to sunlight.  
For more information on our warranty conditions, please visit our website [www.plantexpro.dupont.com](http://www.plantexpro.dupont.com)





### Technical characteristics

- Polymer: 100% black polypropylene
- Density: 0.91
- Melting point: 165° C
- Fibre type: continuous filaments
- Bonding: thermal
- Safety: causes no damage to human health or the environment
- Colour: black/brown

Properties	Standard	Value/Unit
Basis weight	EN ISO 9864	125 g/m <sup>2</sup>
Thickness	EN ISO 9863-1	0,45 mm
Tensile strength	EN ISO 10319	7,8 kN/m
Elongation at break	EN ISO 10319	60 %
Static puncture resistance	EN ISO 12236	1050 N
Dynamic puncture	EN ISO 13433	27 mm
Tear resistance	ASTM D4533	300 N
Opening size O <sub>90W</sub>	EN ISO 12956	0,125 mm
Water permeability VI <sub>H50</sub>	EN ISO 11058	60 mm/s

These values are nominal values recorded in our laboratories and by independent institutes and are indicative.

### Durability

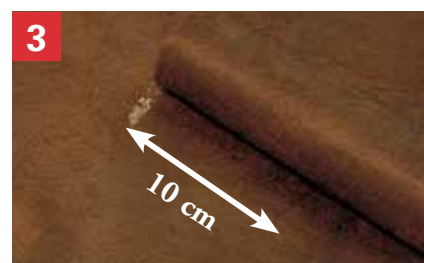
No affect when tested according to:

- EN ISO 13438 (Oxydation resistance)
- EN 14030 (Chemical resistance)
- EN 12225 (Microbiological resistance)

### Dimensions

- 1 x 100 m (12 rolls/pallet)/ • 2 x 100 m (12 rolls/pallet)/
- 4 x 100 m (8 rolls/pallet)/ • 5,2 x 100 m (8 rolls/pallet)

### Installation








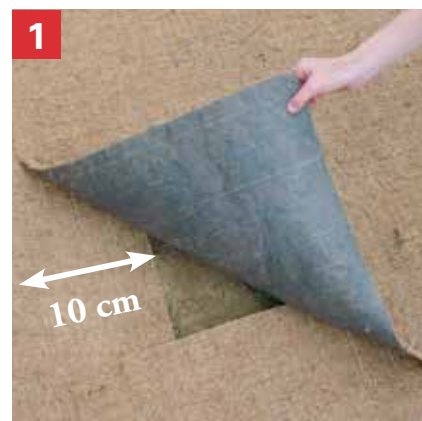
# DUPONT™ PLANTEX® COCOMAT

Erosion and weed control in a single fabric

	Weed control	Root control	Soil erosion	Stabilisation	Drainage	Plant protection	Impermeable lining	Turf and seed protection
	✓		✓			✓		
<b>Product</b>	<ul style="list-style-type: none"> <li>• 2 layered compound product of DuPont™ Plantex® and coconut long fibers</li> <li>• 540 g/m²</li> <li>• UV stabilised</li> </ul>							
<b>Applications</b>	An ideal choice for applications where mulch does not hold in place, as for examples slopes, or embankments. Fruit and vegetable growing							
<b>Benefits</b>	<ul style="list-style-type: none"> <li>• Efficient weed control without mulch, no need for yearly mulch change</li> <li>• Natural look of product</li> <li>• Prevents drying out of the soil</li> <li>• Water, air and nutrient permeable</li> <li>• Helps to prevent soil erosion in steep slopes (after heavy rain)</li> <li>• Chemically inert and stable in all types of soil (acid and alkaline)</li> <li>• Rot resistant</li> <li>• Recyclable</li> </ul>							
<b>Installation</b>	<ul style="list-style-type: none"> <li>• Quick and easy installation: can be cut to required dimensions by scissors or cutters</li> <li>• Remove existing weed and level the soil</li> <li>• Unroll DuPont™ Plantex® Cocomat on the soil</li> <li>• If using several runs, overlap at least 10 cm and fix with pins, also fix edges with pins, 2 pins per running meter recommended</li> <li>• Plants can be planted by simple cross cutting into DuPont™ Plantex® Cocomat</li> </ul>							
	Recommended accessories: DuPont™ Plantex® Anchor Pins							



## Installation



Properties	Standard	Value	Unit
Basis weight	EN ISO 9864	540	g/m <sup>2</sup>
Thickness	EN ISO 9863-1	6	mm
Tensile strength	EN ISO 10319	5,0	kN/m
Elongation at break	EN ISO 10319	40	%
Tear resistance	ASTM D4533	220	N
Air permeability	ASTM D737	96	m <sup>3</sup> /m <sup>2</sup> /min
Water permeability VI <sub>H50</sub>	EN ISO 11058	100	mm/s*

\* This value refers to the supporting nonwovens layer of 90g/m<sup>2</sup>

## Dimensions

- 1,2 x 22,5 m (10 rolls/pallet)/
- 2,4 x 22,5 m (10 rolls/pallet)





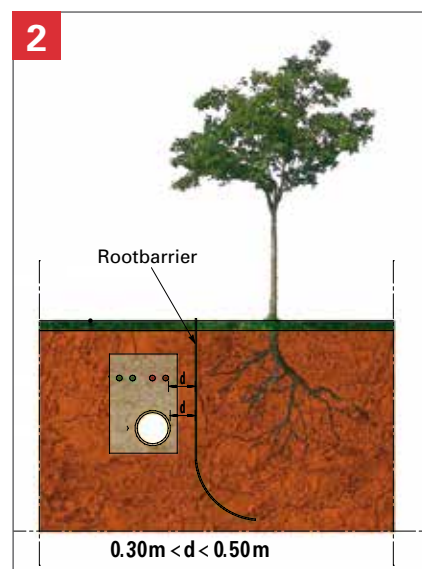
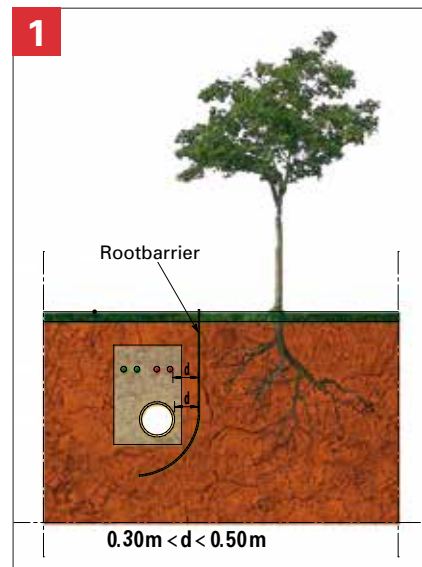
# DUPONT™ PLANTEX® ROOTBARRIER

Helps you to avoid uncontrolled spreading of plant roots

	Weed control	Root control	Soil erosion	Stabilisation	Drainage	Plant protection	Impermeable lining	Turf and seed protection
✓								
Product	<ul style="list-style-type: none"><li>• 100% polypropylene, thermally bonded product technology with impermeable smooth green coating on one side</li><li>• 325 g/m<sup>2</sup></li></ul>							
Applications	Cables / drains / piping / pavements / paved areas / roads / water and sewage networks							
Benefits	<ul style="list-style-type: none"><li>• Helps to prevent the spread of roots and the resulting damage to water piping, electrical cables, walkways, building foundations, etc.</li><li>• Enables separation of planted areas in parks</li><li>• Helps to prevent root invasion (e. g. bamboo)</li><li>• Aids in preventing the proliferation of hearbaceous, mint, raspberries, blackberries</li><li>• Mechanical and water barrier to roots</li><li>• Chemically inert and stable in all types of soil (acid and alkaline)</li><li>• Rot resistant</li><li>• Recyclable</li></ul>							
Installation	<ul style="list-style-type: none"><li>• Quick and easy installation: can be cut to required dimensions by scissors or cutters</li><li>• Vertical or horizontal installation possible</li><li>• The green side should face the roots</li><li>• Take special care when joining sheets to ensure seam tightness and avoid root penetration</li><li>• Detailed instruction guidelines can be downloaded at: <a href="http://www.plantexpro.dupont.com">www.plantexpro.dupont.com</a></li></ul>							
Recommended accessories: DuPont™ Plantex® Tape								



## Installation



Properties	Standard	Value	Unit
Basis weight	EN ISO 9864	325	g/m <sup>2</sup>
Thickness	EN ISO 9863-1	0,8	mm
Tensile strength	EN ISO 10319	22	kN/m
Elongation at break	EN ISO 10319	50	%
Tear resistance	ASTM D4533-91	600	N
Static puncture resistance	EN ISO 12236	3500	N
Dynamic puncture	EN ISO 13433	12	mm
Resistant against roots according to CEN/TS 14416			

These values are nominal values recorded in our laboratories and by independent institutes and are indicative.

## Dimensions

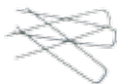
- 0,5 x 30 m (48 rolls/pallet)/ • 0,7 x 30 m (24 rolls/pallet)/
- 1 x 30 m (24 rolls/pallet)/ • 1,4 x 30 m (24 rolls/pallet)/
- 2 x 100 m (10 rolls/pallet)





# DUPONT™ PLANTEX® GEOPROMA®

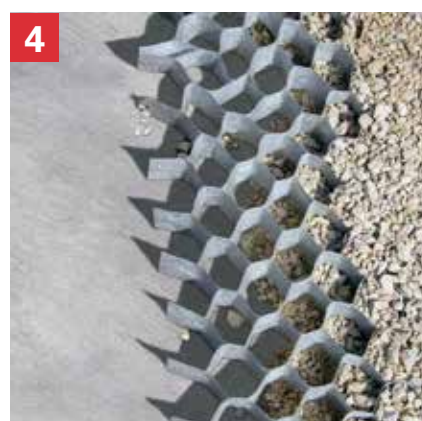
An ideal solution to address stabilisation and filtration

	Weed control	Root control	Soil erosion	Stabilisation	Drainage	Plant protection	Impermeable lining	Turf and seed protection
				✓	✓			
<b>Product</b>	<ul style="list-style-type: none"> <li>• 100% polypropylene, thermally bonded product technology</li> <li>• 90 g/m<sup>2</sup></li> <li>• Grey colour</li> </ul>							
<b>Applications</b>	Filter for drainage system / Wall drainage / Path / Patio / Driveway / Parking lot / Pond / Paved area / Park / Timberdecking / Sidewalks / Temporary used roads							
<b>Benefits</b>	<ul style="list-style-type: none"> <li>• It avoids the loss of bedding into subsoil</li> <li>• Prevents soil from migrating into the drainage system</li> <li>• Can be covered with many different materials (paving slabs on bedding, washed gravel, sand, ...)</li> <li>• Ensures construction base remains stable and reliable. Its filtration characteristics ensure continuous drainage</li> <li>• It is chemically inert, does not deteriorate</li> <li>• Rot resistant</li> </ul>							
<b>Installation</b>	<ul style="list-style-type: none"> <li>• Easy and fast installation: can be cut to required dimensions by scissors or cutters</li> <li>• Level ground surface and remove any large stones</li> <li>• Unroll Geoproma® (if windy use stones to hold product)</li> <li>• If more than one roll is required, ensure sufficient edge overlap. (10 - 15 cm)</li> <li>• Spread gravel, compact if necessary and cover with the material of your choice.</li> <li>• For use in drainage trenches: ensure sufficient overlap of Geoproma®. (10 - 15 cm)</li> </ul>							
	Recommended accessories: DuPont™ Plantex® Anchor Pins							

\* When covered completely in soil without risk of UV exposure, life-time of more than 25 years.  
For more information on our warranty conditions, please visit our website [www.plantexpro.dupont.com](http://www.plantexpro.dupont.com)



## Installation



Properties	Standard	Value	Unit
Basis weight	EN ISO 9864	90	g/m <sup>2</sup>
Tensile strength	EN ISO 10319	5,0	kN/m
Elongation at break	EN ISO 10319	40	%
Tensile strength at 5% elongation	EN ISO 10319	2,6	kN/m
Energy absorption	EN ISO 10319	1,8	kJ/m <sup>2</sup>
Static puncture resistance	EN ISO 12236	750	N
Dynamic puncture	EN ISO 13433	45	mm
Opening size O <sub>90W</sub>	EN ISO 12956	175	μm
Water permeability VI <sub>H50</sub>	EN ISO 11058	100	mm/s

These values are nominal values recorded in our laboratories and by independent institutes and are indicative.

## Durability

No affect when tested according to:

- EN ISO 13438 (Oxydation resistance)
- EN 14030 (Chemical resistance)
- EN 12225 (Microbiological resistance)

## Dimensions

- 0,5x 50m (80 rolls/pallet)/ • 1 x 25 m (77 rolls/pallet)/
- 1 x 80m (30 rolls/pallet)/ • 2x 25 m (75 rolls/pallet)





## DUPONT™ PLANTEX® GROUNDGRID®

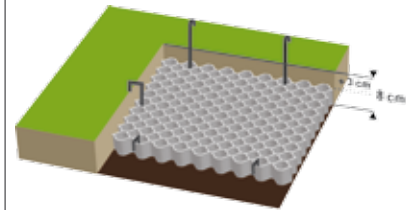
An ideal combination of ground stabilisation, confinement and drainage

	Weed control	Root control	Soil erosion	Stabilisation	Drainage	Plant protection	Impermeable lining	Turf and seed protection
			✓	✓	✓			
<b>Product</b>	Three dimensional honeycomb structure based on high strength nonwoven sheet							
<b>Applications</b>	Stabilisation of gravel, soil, sand or mineral infill surfaces Path / Driveway / Patio / Parking lot / Private parking / Pond / Drainage system / Park / Walkways / Roads with light traffic							
<b>Benefits</b>	<ul style="list-style-type: none"> <li>• Light but high strength material</li> <li>• Water permeable in all directions</li> <li>• Helps to create drained surfaces</li> <li>• Minimises risks of flooding by reducing surface rainwater runoff</li> <li>• Supports occasional traffic</li> <li>• Easy to transport as product is folded</li> <li>• It is chemically inert, does not deteriorate and is</li> <li>• Rot resistant</li> </ul>							
<b>Installation</b>	<ul style="list-style-type: none"> <li>• Quick and easy installation: can be cut to required dimensions by scissors or cutters</li> <li>• Detailed instruction guidelines can be downloaded at: <a href="http://www.plantexpro.dupont.com">www.plantexpro.dupont.com</a></li> </ul>							

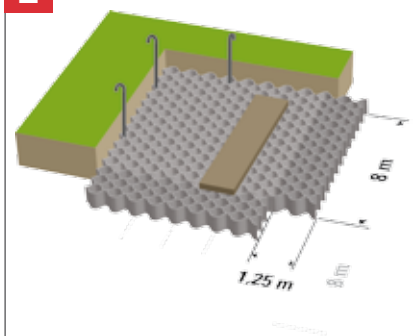


## Installation

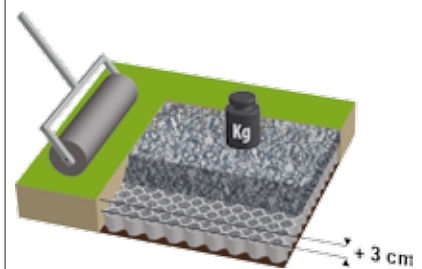
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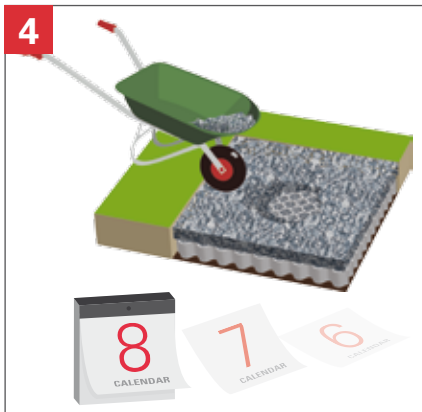
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3



4



### Properties

### Standard

### Value

### Unit

#### Of the honeycomb structure

		GroundGrid® 55 x 50 mm	GroundGrid® 110 x 50 mm	GroundGrid® 110 x 100 mm	
Diameter of the cells		55	110	110	mm
Height of the cells		50	50	100	mm
Area weight of the structure	EN ISO 9864	470	350	690	g/m²

#### Of the nonwoven material

Basis weight	EN ISO 9864	190	290	290	g/m²
Tensile strength	EN ISO 10319	13	21	21	kN/m
Elongation at break	EN ISO 10319	50	55	55	%
Opening size O <sub>90W</sub>	EN ISO 12956	0,08	0,07	0,07	mm
Water permeability VI <sub>H50</sub>	EN ISO 11058	35	15	15	mm/s

The honeycomb needs to be covered by a 3 cm gravel layer. Use ONLY crushed, angular gravel. For a cell diameter of 55 mm, gravel in the range of 8/16 (or similar) is recommended; for a cell diameter of 110 mm, gravel in the range of 16/32 (or similar) is recommended.

### Durability

No affect when tested according to:

- EN ISO 13438 (Oxydation resistance)
- EN 14030 (Chemical resistance)
- EN 12225 (Microbiological resistance)

### Dimensions

- 55 mm x 50 mm - 1,25 m x 8 m (100 units/pallet)
- 110 mm x 50 mm - 1,25 m x 8 m (100 units/pallet)
- 110 mm x 100 mm - 1,25 m x 8 m (50 units/pallet)






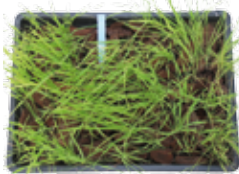



## WEED CONTROL PERFORMANCE

### DuPont™ Plantex® - Proven weed control performance

At the company's experimental farm station in Nambesheim, France, DuPont has undertaken rigorous testing of DuPont™ Plantex® weed control fabrics in an actual plantation test field using *Alopecurus myosuroides* (Engl. Blackgrass or Slender Foxtail) to evaluate the fabric's performance in application.

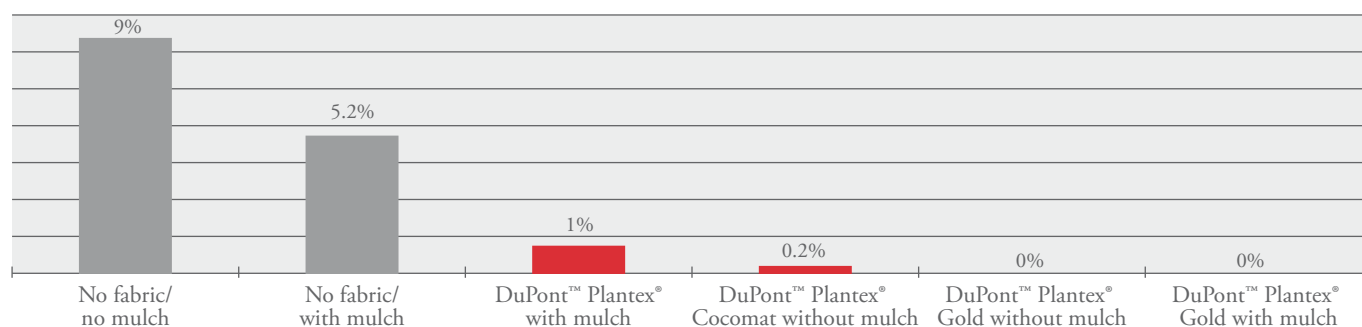
Test parameters: ~1,700 seeds/testbox, ~14,000 seeds/m<sup>2</sup>.

(Results: Growth after 5 weeks).

No fabric/ no mulch	No fabric/ with mulch	DuPont™ Plantex®	DuPont™ Plantex® Cocomat	DuPont™ Plantex® Gold
		Basic weed control 	Efficient weed control plus alternative to mulch on slopes 	Superior weed control even against tough weeds. Can be used without mulch 

Source: DuPont 2010

### Germinated blackgrass seedlings through fabric after 5 weeks, test result applied to a surface of 1m<sup>2</sup>



Source: DuPont 2010









# DUPONT™ PLANTEX® LANDSCAPE

*[www.plantexpro.dupont.com](http://www.plantexpro.dupont.com)*







DU PONT®

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# SOLUTIONS







Recommendations as to methods, use of materials and construction details are based on the experience and current knowledge of DuPont and are given in good faith as a general guide to designers, contractors and manufacturers. This information is not intended to substitute for any testings you may need to conduct to determine for yourself the suitability of our products for your particular purposes. 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 makes no warranties 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 a recommendation to infringe any patent right.

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