

# Product data sheet

Landscape – Arboriculture – Invasive weed control  
 T: 01202 831151  
 E: sales@pba-solutions.com  
 W: [www.root-barrier.co.uk](http://www.root-barrier.co.uk)



## Root barrier: Advice, Specification & Sales

***PBA Solutions- for informed root barrier sales through dedicated arboricultural and Invasive weed consultants.***

<b>Product Name</b>	<b>vertiroot-barrier by DuPont</b>																																										
<b>Classification</b>	<table border="1"> <tr> <td>Structure:</td> <td colspan="2">Semi rigid coated polypropylene barrier</td> </tr> <tr> <td>Permeability:</td> <td colspan="2">Non permeable water tight root barrier</td> </tr> <tr> <td>Function:</td> <td colspan="2">Physical barrier for use in Arboriculture and for the control of invasive and aggressive plants including Japanese Knotweed control.</td> </tr> </table>			Structure:	Semi rigid coated polypropylene barrier		Permeability:	Non permeable water tight root barrier		Function:	Physical barrier for use in Arboriculture and for the control of invasive and aggressive plants including Japanese Knotweed control.																																
Structure:	Semi rigid coated polypropylene barrier																																										
Permeability:	Non permeable water tight root barrier																																										
Function:	Physical barrier for use in Arboriculture and for the control of invasive and aggressive plants including Japanese Knotweed control.																																										
<b>Description</b>	<p><b>vertiroot-barrier</b> is a product developed by DuPont specifically for use as a root barrier. Using a technically advanced fabric <b>vertiroot-barrier</b> physically prevents and contains invasive growth. This product is specifically suitable as a vertical barrier in trenches or tree pits. Its structure</p>																																										
<b>Product data</b>	<table border="1"> <thead> <tr> <th>Property</th> <th>Method</th> <th colspan="2">Average Value</th> </tr> </thead> <tbody> <tr> <td>Unit weight</td> <td>ISO/EN 965 (04/1995)</td> <td colspan="2">320.0g/sqm</td> </tr> <tr> <td>Thickness</td> <td>prEN1849-2 (07/1996)</td> <td colspan="2">826.0 um</td> </tr> <tr> <td>Tensile Strength</td> <td>ISO 5081</td> <td colspan="2">17.35 kN/m</td> </tr> <tr> <td>Elongation at break</td> <td>ISO 5081</td> <td colspan="2">37%</td> </tr> <tr> <td>Tear strength</td> <td>DIN 533363</td> <td colspan="2">717 N</td> </tr> <tr> <td>Puncture resistance</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>- 5mm</td> <td>ASTM D4833</td> <td colspan="2">364 N</td> </tr> <tr> <td>- 9mm</td> <td>ISO/EN12236</td> <td colspan="2">674 N</td> </tr> <tr> <td>Cone penetration</td> <td>ISO/EN918</td> <td colspan="2">16 mm</td> </tr> </tbody> </table>			Property	Method	Average Value		Unit weight	ISO/EN 965 (04/1995)	320.0g/sqm		Thickness	prEN1849-2 (07/1996)	826.0 um		Tensile Strength	ISO 5081	17.35 kN/m		Elongation at break	ISO 5081	37%		Tear strength	DIN 533363	717 N		Puncture resistance				- 5mm	ASTM D4833	364 N		- 9mm	ISO/EN12236	674 N		Cone penetration	ISO/EN918	16 mm	
Property	Method	Average Value																																									
Unit weight	ISO/EN 965 (04/1995)	320.0g/sqm																																									
Thickness	prEN1849-2 (07/1996)	826.0 um																																									
Tensile Strength	ISO 5081	17.35 kN/m																																									
Elongation at break	ISO 5081	37%																																									
Tear strength	DIN 533363	717 N																																									
Puncture resistance																																											
- 5mm	ASTM D4833	364 N																																									
- 9mm	ISO/EN12236	674 N																																									
Cone penetration	ISO/EN918	16 mm																																									
<b>Dimensions</b>	<table border="1"> <tr> <td>Length</td> <td></td> <td>30 metres</td> <td>25 metres</td> </tr> <tr> <td>Width</td> <td></td> <td>1 metres</td> <td>2 metres</td> </tr> <tr> <td>Area of roll</td> <td></td> <td>30 m<sup>2</sup></td> <td>50 m<sup>2</sup></td> </tr> </table>			Length		30 metres	25 metres	Width		1 metres	2 metres	Area of roll		30 m <sup>2</sup>	50 m <sup>2</sup>																												
Length		30 metres	25 metres																																								
Width		1 metres	2 metres																																								
Area of roll		30 m <sup>2</sup>	50 m <sup>2</sup>																																								
<b>Transport</b>	As above																																										
<p>The information contained herein is to the best of our knowledge accurate. However product specifications are subject to change without prior notice. No Warranty or liability is expressed or implied.</p>																																											

**UK distribution available on all products within 5 working days. For express delivery call 01202 831151.**

PBA Solutions is a trading name of PBA Consulting Partnership LLP (OC300728), registered in England at our head office, Bryn Gardens, Rake Road, Liss, Hants GU33 7HB

Landscape & Arboricultural consultants - TreeRadar™ surveys - GPS data collection – [www.root-barrier.co.uk](http://www.root-barrier.co.uk)