

## Root Barriers: Advice, Specification, Sales and Installation

### Product data sheet

<b>Product Name</b>	<b>FlexiRoot UV5</b>	
<b>Classification</b>	Structure	Flexible reinforced geotextile
	Permeability	Impermeable
	Function	Physical barrier for the control of invasive and aggressive plant root/rhizome systems including Japanese knotweed and in arboriculture.
<b>Description</b>	<p><b>FlexiRoot UV5</b> is built around a tough, woven HDPE (High Density Polyethylene) material core which is reinforced and coated with a triple layer of LDPE (Low Density Polyethylene). This versatile membrane is 5 year UV stabilised* and suitable a range of applications, including those that involve installation into confined and/or complex spaces. Seams can be created by welding or taping.</p>	
<b>Product data</b>	<b>Material mass data</b>	
	Product weight	380 g/m <sup>2</sup> UNI EN 1849-2
	Thickness	0.6 mm UNI EN 1849-2
	<b>Other features</b>	
	Tensile strength MD	28 kN/m ASTM D751-06
	Tensile strength CMD	26 kN/m ASTM D751-06
	Puncture resistance	620.5 N ASTM D4833-07
	UV resistance	360 kLy DIN 54004
	Liquid permeability	<10 <sup>-6</sup> m <sup>3</sup> m <sup>-2</sup> d <sup>-1</sup> UNI EN 14150
	Resistance, Weathering	Variation, tensile strength & elongation <= 25% UNI EN 12224
	<b>Dimensions</b>	
	Roll length	200 metres
	Roll width	205 centimetres
	Diameter of roll	- -
Weight of roll	117 kg approx	
	*in typical UK climate and weather conditions	
<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>		

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**Landscape and Arboricultural Consultants - Invasive Weed Control - Root Barriers**



## Root Barriers: Advice, Specification, Sales and Installation

### Product data sheet

<b>Product Name</b>	<b>FlexiRoot UV10</b>	
<b>Classification</b>	Structure	Flexible reinforced geotextile
	Permeability	Impermeable
	Function	Physical barrier for the control of invasive and aggressive plant root/rhizome systems including Japanese knotweed and in arboriculture.
<b>Description</b>	<p><b>FlexiRoot UV10</b> is built around a tough, woven HDPE (High Density Polyethylene) material core which is reinforced and coated with a triple layer of LDPE (Low Density Polyethylene). This versatile membrane is 10 year UV stabilised* and suitable a range of applications, including those that involve installation into confined and/or complex spaces. Seams can be created by welding or taping.</p>	
<b>Product data</b>	<b>Material mass data</b>	
	Product weight	380 g/m <sup>2</sup> UNI EN 1849-2
	Thickness	0.6 mm UNI EN 1849-2
	<b>Other features</b>	
	Tensile strength MD	28 kN/m ASTM D751-06
	Tensile strength CMD	26 kN/m ASTM D751-06
	Puncture resistance	4.3 kN UNI EN ISO 12236
	UV resistance	360 kLy DIN 54004
	Liquid permeability	<10 <sup>-6</sup> m <sup>3</sup> m <sup>-2</sup> d <sup>-1</sup> UNI EN 14150
	Resistance, Weathering	Variation, tensile strength & elongation <= 25% UNI EN 12224
	<b>Dimensions</b>	
	Roll length	200 metres
	Roll width	205 centimetres
	Diameter of roll	- -
	Weight of roll	117 kg approx
	*in typical UK climate and weather conditions	
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