

Product data sheet

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



Root barrier: Advice, Specification & Sales

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

Product Name	biroot-barrier x			
Classification	Structure:	Flexible layered geotextile		
	Permeability:	Permeable		
	Function:	Biological signal barrier – (A copper foil is securely bonded between porous geotextile, releasing copper ions and forming copper carbonate (verdigris) that signals an adverse reaction to roots deflecting them away from the barrier. <u>The presence of copper does not constitute an eco-system burden or impact on groundwater</u>)		
Description	<p>biroot-barrier x is a mechanically bonded geocomposite consisting of a copper-foil firmly embedded between 2 layers of geotextile. Specifically used in Arboriculture and Japanese knotweed control where a permeable barrier is required. The biobarrier acts as a signal barrier diverting root growth both biologically and physically.</p>			
Product data	Mass per unit area:			
	Base Layer:	g/m ²	100	Woven geotextile
	Intermediate layer:	g/m ²	100	Copper-foil
	Top layer:	g/m ²	200	Non woven geotextile
	Total Product:	g/m ²	450	
	Tensile strength MD	kN/m	>12	
	Tensile Strength CD	kN/m	>12	
	Thickness (2 KpA)	mm	>2.0	
	Water permeability (50 Kpa)		>3.3 x 10 ⁻⁶ m/s	
Dimensions	Length	100 metres		
	Width	5 metres		
	Diameter of roll	0.5 metres		
	Weight of roll	230 Kg		
Transport	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.

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