



Greenfix Knotweed 600 Impermeable Knotweed Barrier

Description

The risk posed to structures and underground services from invasive weeds, and in particular Japanese Knotweed, makes it essential for modern day construction and remediation contractors to implement effective and fit for purpose root barrier provisions on effected development site Knotweed 600 consists of a woven HDPE (High Density Polyethylene) Base material which is reinforced and coated with a triple layer film of LDPE (Low Density Polyethylene). The Membrane is UV stabilised and suitable for outdoor applications.

Available in 2.05m x 200m, 1.00m x 100m and 2.05m x 50m rolls or client specific sized pre-welded panels.

Physical form:	Woven HDPE coated both sides with LDPE film
Roll detail:	3.66m wide or client specific size Welded Panels
Weight: min ave. (ASTM D751)	425g/m ²
Strip Tensile Strength: min ave. (ASTM D7003)	1179N
Strip tensile Elongation: min ave. (ASTM D7003)	21%
Tongue Tear: min ave. (ASTM D5884)	385N
CBR Puncture: min ave. (ASTM D6241)	5502N
Index Pin Puncture Resistance: min ave. (ASTM D4833)	890N
Hydrostatic Resistance: min ave. (ASTM D751)	1419kPa
Dimensional Stability: % change max (ASTM D1204)	3% - Pass
WVT: max ave. (ASTM E96)	0.5g/m ² —day—Pass
UV Resistance: Flourescent light (ASTM D7238 & D7003)	
a) Strength & elongation retained after 10,000hrs	>50% retained—Pass
b) Response to bending (GRI-GM16)	No cracking—Pass