

Greenfix Knotweed 600 Impermeable Knotweed Barrier



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 From:	Woven HDPE coated on both sides with LDPE film
Roll detail:	366cm wide or client specific sized PRE-WELDED PANELS
Weight: min. ave. (ASTM D751)	425 gms/m ²
Strip Tensile Strength: min. ave. (ASTM D7003)	1179 N
Strip Tensile Elongation: min. ave. (ASTM D7003)	21%
Tongue Tear: min. ave. (ASTM D5884)	385 N
CBR Puncture: min. ave (ASTM D6241)	5502N
Index Pin Puncture-Resistance: min. ave. (ASTM D4833)	890 N
Hydrostatic Resistance: min. ave. (ASTM D751)	1419 kPa
Dimensional Stability: % change max (ASTM D1204)	3% - Pass
WVT: max. ave. (ASTM E96)	0.5 g/m ² – day – Pass
UV Resistance: Fluorescent light method (ASTM D7238 ASTM D7003	
a) Strength & elongation retained after 10 000 light hours	> 50% retained - Pass
b) Response to bending (GRI-GM16)	No cracking - Pass