

Greenfix Knotweed 600 – 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). Available in Blue as standard. The Membrane is UV stabilised and suitable for outdoor applications.



Available in 205cm x 200m and 102.5cm x 100m rolls or client specific sized pre-welded panels.

ITEM	VALUES	TEST METHODS
Weight	380 [g/m ²]	UNI EN 1849-2
Thickness	0,6 [mm]	UNI EN 1849-2
Tensile Break strength MD	37 [kN/m]	ASTM D751-06
Tensile Break strength CMD	37.1 [kN/m]	ASTM D751-06
Break Elongation MD	18.5 [%]	ASTM D751-06
Break Elongation CMD	16.2 [%]	ASTM D751-06
Puncture Resistance	620.5 [N]	ASTM D4833-07
Tear Resistance MD	105 [N]	ASTM D1004-09
Tear Resistance CMD	123 [N]	ASTM D1004-09
Shear Strength Of Joints	964 [N]	UNI EN ISO 12317-2
Temperature Resistance (Range)	-30° ≤ T °C ≤ 70°	
UV Resistance (Grade)	360kLy	DIN 54004
Liquid Permeability	<10 ⁻⁶ [M ³ -M ⁻³ -D ⁻²]	UNI EN 14150
Gas Permeability	<40-10 ⁻⁶ [M ³ -M ⁻³ -D ⁻²]	ASTM D 1434
Resistance to weathering	Variation of tensile strength and tensile elongation ≤25%	UNI EN 12224
Resistance to oxidation	Variation of tensile strength and tensile elongation ≤25%	UNI EN 14575

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