

◆ GEOMEMBRANES



CONTAINMENT



GT MEMBRANE 500

Product description

Manufactured from blown polythene film, GT500 is produced from 100% recycled polythene sheet with black pigment.

KEY ATTRIBUTES

- ✓ Impermeability
- ✓ Chemical resistance
- ✓ Resistance to UV light
- ✓ Resistance to puncturing
- ✓ CE Marked to EN 13967
- ✓ BBA Accredited
- ✓ Flexibility
- ✓ Durability
- ✓ Biological resistance
- ✓ Manufactured using 100% recycled material

APPLICATIONS

- ▶ Small attenuation tanks
- ▶ Damp proof membrane (DPM)
- ▶ Emergency roofing
- ▶ Garden ponds
- ▶ Ground covers
- ▶ Lining compost bins
- ▶ Lining kennels and runs
- ▶ Lining raised garden beds
- ▶ Permeable paving

FUNCTIONS

- ▶ Containment



SPECIFICATION

CHARACTERISTIC	TEST METHOD	UNITS	STANDARD	500MU
Visible defects	EN 1850 -2	-	Pass/Fail	Pass
Length	EN 1848 – 2	m	-0%/+10%	12.5
Width	EN 1848 – 2	m	-2.5%/+2.5%	4
Straightness	EN 1848 – 2	-	Pass/Fail	Pass
Thickness	EN 1849 – 2	mm	-12.5%/+12.5%	0.5
Mass	EN 1849 – 2	g/m ²	-12.5%/+12.5%	465
Tensile Strength - MD	EN 12311	N/mm ²	>MLV	18.5
Tensile Strength - TD	EN 12311	N/mm ²	>MLV	19.0
Tensile Elongation - MD	EN 12311	%	>MLV	325
Tensile Elongation - TD	EN 12311	%	>MLV	325
Joint Strength	EN 12317 – 2	N	>MLV	245
Watertightness 2kPa	EN 1928	-	Pass/Fail	Pass
Resistance to impact	EN 12691	m	>MLV	30
Durability (artificial ageing)	EN 1296 & 1928	-	Pass/Fail	Pass
Durability (chemical resistance)	EN 1847	-	Pass/Fail	Pass
Resistance to tearing (nail shank) - MD	EN 12310-1	N	MDV	315
Resistance to tearing (nail shank) - TD	EN 12310-1	N	MDV	295
Resistance to static loading	EN 12730	Kg	>MLV	Pass - 20kg
Water vapour transmission - resistance	EN 1931	MNs/g	MDV	890
Water vapour transmission - permeability	EN 1931	g/m ² /d	MDV	0.23

