

TECHNICAL DATA

Features – Studded core	Result	Units	
Material	HDPE		
Colour	Black		
Density	740	g/m ²	
Stud depth	9.6	mm	
Height	10.2	mm	
Vicat softening temperature	148	°C	
Features – Geotextile	Result	Units	
Material	Polypropylene		
Colour	White		
Density/Specific gravity	1.36		
Thickness	1.1	mm	
Features – 410 GeoDrain	Result	Units	
Width	2.0	m	
Length	12.5	m	
Area	25	m ²	
Density	610	g/m ²	
Packaged weight	20.0	kg	
Service temperature	-40 to +80	°C	
Installed Performance	Result	Units	Test Method
Thickness at 2kPa	11.3	mm	EN ISO 9863-1
Water flow (in plane)	3.50	l/m ² /s	EN ISO 12958
Water flow through Geotextile	350	l/m ² /s	BS 6906-3
Compressive strength – Temporary loading	420	kPa	EN ISO 25619-2
Water vapour diffusion resistance – Sd value	>604	m	BS EN 1931
Water vapour diffusion resistance – μ value	>1208000	μ	Calculated from SD value
Water vapour diffusion resistance	>3020	MNs/g	Calculated from SD value
Tensile strength (Machine direction)	15.4	kN/m ²	EN ISO 10319
Tensile strength (Cross direction)	16.8	kN/m ²	EN ISO 10319
Chemical resistance – Excellent	100	%	EN14030
Oxidation resistance – Excellent	100	%	EN ISO 13438