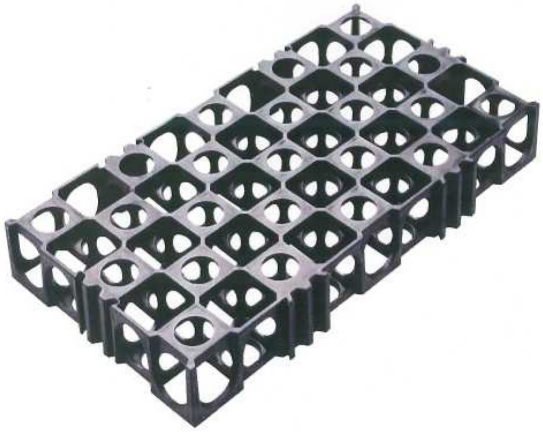
Sandwichpanel 74 Specification sheet



	Standard Used	Metric	Imperial
Width		260 mm	10,24"
Length		480 mm	18,9"
Height		52 mm	2,05"
Surface Area		90 to 95% void	
Material		Recycled polypropylene	
Biological & Chemical Resistance		Unaffected by moulds and algae, soil-bourne chemicals, bacteria and bitumen	
Service Temperature		30°C to 120°C	-22°F to 248°F
Compressive Strength/ Ultimate Load	ASTM D1621	116.95t/m2	166.0 psi
Flow Rate per unit Width	ASTM D4716	>57 Ltrs/min	>15.06 gals/min

Long-Term Unconfined Creep Test:
42 Day Dead Load Creep Test in accordance with ISO 13431

	Metric	Imperial
Load Applied	750 kN/m2	108.74
Total Strain After 42 Days	No Further displacement	No Further displacement
Creep Sustained After 42 Days	No further creep	No further creep

Displacement (42 Days) in accordance with **ASTM D1621**

Water Temp (°C)	Water Temp (°F)	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Mean % deformation
20	68	5.2%	4.8%	4.1%	5.6%	5.2%	5.0%
30	86	6.1%	5.3%	5.8%	5.4%	6.4%	5.8%
40	104	6.4%	6.2%	6.8%	7.1%	6.2%	6.5%
50	122	7.5%	7.6%	7.1%	7.8%	8.3%	7.7%

Products must have a maximum deformation of <25%.

Compressive strength test - filled with sand

Filled with sand	Area (mm2)	Area (Inches2)	Load (Kg)	Load (LBS)	Compressive strength (t/m2)	Compressive Strength (PSI)
	54554.73	84.56	231332.1	510,000	4239.51	6,030

Note: Sandwichpanel 74 is manufactured from high quality recycled materials, the strength could vary slightly due to raw material, country of manufacture, manufacturing process and external conditions.

Safety factors: Engineers, designers and geotechnical engineers should design and calculate safety factors to a serviceable limited state to suit specific project. In case of doubt consult Greenmax or one of its distributors.

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