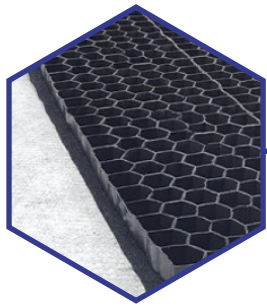


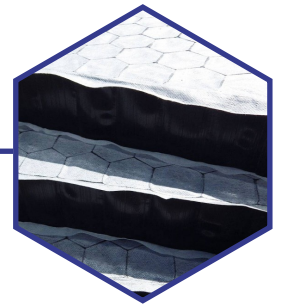
PROPERTIES	CHARACTERISTICS				REF
	40-1F	60-1F	100-2F	520-2F	
Material	Extruded Polypropylene (PP) Honeycomb				
Recycled Material	Made with 60% recycled PP				
Structure	Cellular				
Minimum Dry Density	Approx. 32 kg per cubic meter				ISO 845
Coverage	2.88 SQM per sheet				ISO 1923
Length	2400 mm				
Width	1200 mm				
Cell Size	Approx. 50 mm				
Void Rate	95%				
Colour	Black				
Sheet Thickness	40 mm	60 mm	100 mm	520 mm	ISO1923
Water Storage Capacity	109 litres	164 litres	274 litres	1423 litres	
Weight per sheet	3.68 kg	5.53 kg	9.22 kg	47.92 kg	
Weight per SQM	1.28 kg	1.92 kg	3.2 kg	16.64 kg	
Geotextile Face 1	PET 150 g/sqm	PET 150 g/sqm	PET 150 g/sqm	PET 45 g/sqm	NFEN 29 073-1
Geotextile Face 2	-	-	PET 25 g/sqm	PET 45 g/sqm	
Chemical Resistance	High resistance to water, most acids, bases and salt solutions				
Stability	UV and Frost Resistant				

MECHANICAL PROPERTIES

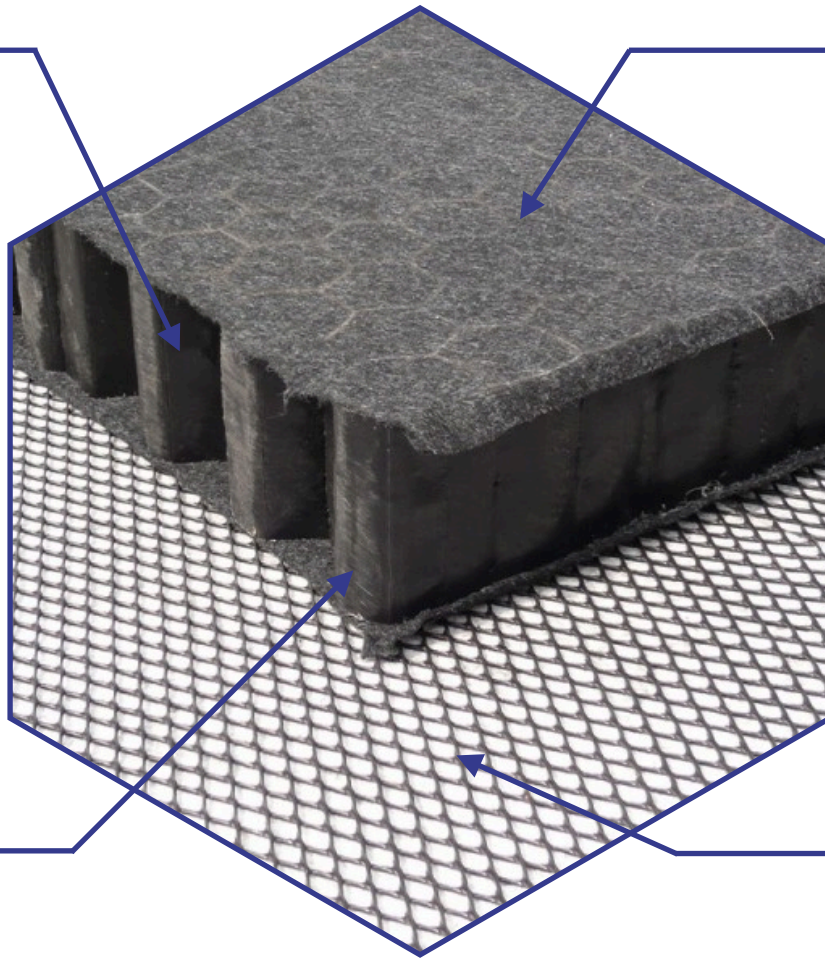
Compressive Strength	Resistance to short term vertical compression - 300 kPa	ISO 844
	Resistance to long term vertical compression - 30 kPa* *extrapolated to 50 years	XP-P-16 374



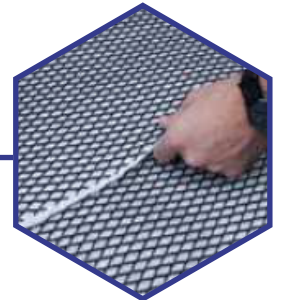
High capacity rainwater storage (95% void rate)



Range of thicknesses and membranes (40/60/100/520mm)



Lightweight blue roof system for quick installation



Geoflow drainage mesh for flow control

Nidarroof is suitable for a wide range of blue green roof applications requiring rooftop retention and attenuation of rainwater providing a lightweight flexible solution that meets SuDS requirements.



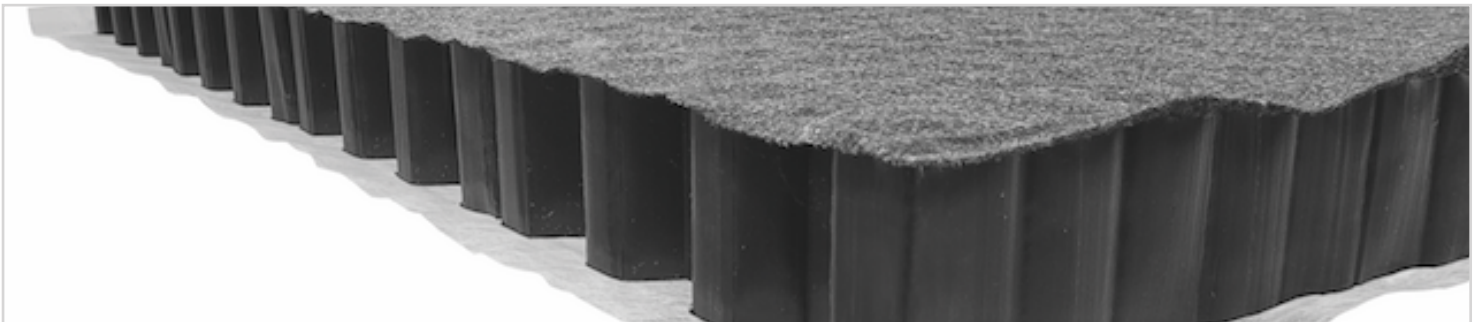
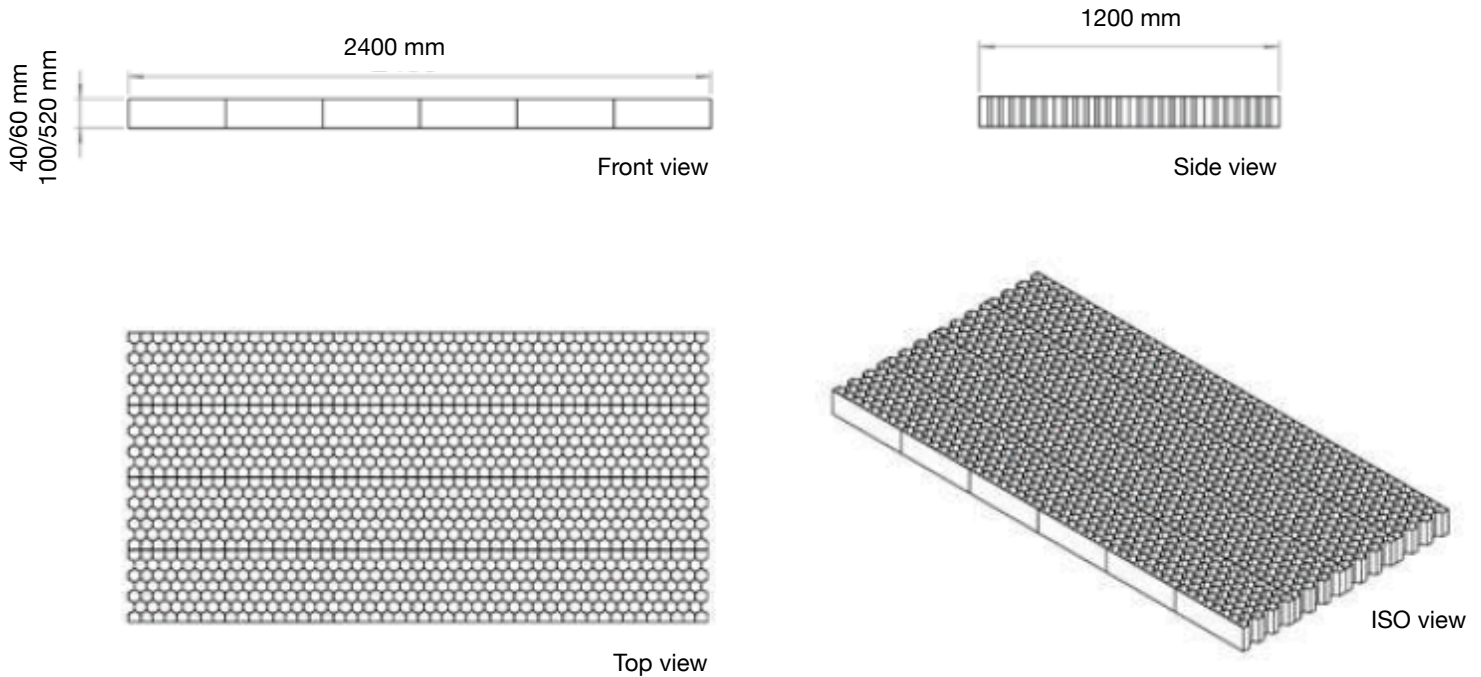
Nidarroof

Rainwater inlet with flow reduction

Reinforced concrete load-bearing member (slope <5%)

Waterproofing / insulating complex

DIMENSIONAL DIAGRAMS



Packaging	Nidarroof			
	40-1F	60-1F	100-2F	520-2F
QTY per pallet	56	36	22	5
SQM per pallet	161.3 sqm	103.7 sqm	63.4 sqm	14.4 sqm
Pallet Height	2540 mm	2460 mm	2500 mm	2750 mm
Pallet Length	2400 mm			
Pallet Width	1200 mm			
Pallet Weight	365 kg	355 kg	345 kg	310 kg
Packaging	Wooden (non-returnable) Shrink Wrapped & Banded			