

**Product ID**

**Nidagrass NG040**

Grass Reinforcement Grid

# Technical Data Sheet

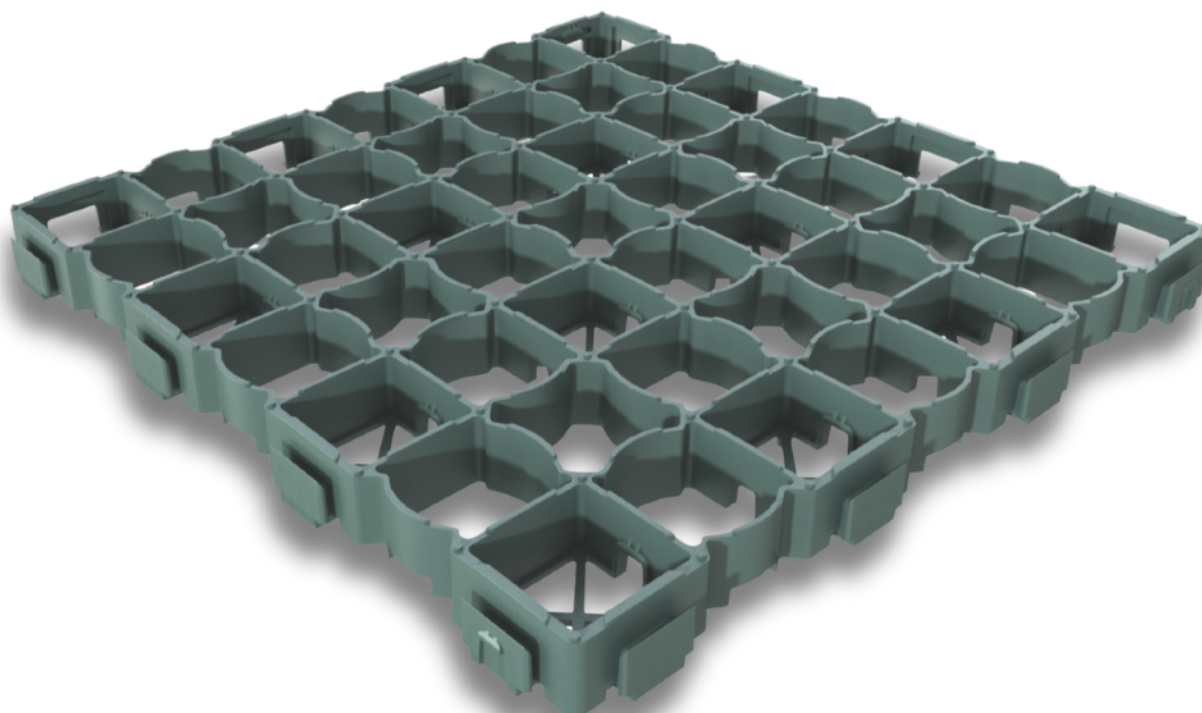


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### Benefits of using Nidagrass NG040

<b>Green Space</b>	Create natural and biodiverse parking areas	✓
<b>Heavy Duty</b>	Suitable for fire engine access	✓
<b>Permeable</b>	100% rainwater permeable Full surface area of the installation is permeable	✓
<b>Accessories</b>	Clip in parking markers available for car parks	✓
<b>Interlocking Grid</b>	Male and Female connectors on all 4 sides Easy to interlock 1 SQM at a time	✓
<b>Eco Friendly</b>	Manufactured with 100% recycled plastic	✓
<b>Easy Maintenance</b>	Simply mow as required	✓





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### Product Properties

Material	Low Density Polyethylene (LDPE)	
Recycled Material	Yes, 100% Recycled LDPE	
Grid Coverage	0.25 SQM per grid	
Grid Length	500 mm / 0.5 m	
Grid Width	500 mm / 0.5 m	ISO 1923
Grid Thickness	40 mm	
Cell Wall Thickness	3 mm - 5.5 mm	
Colour	Green	
Cell Size	Approx. 65 mm (+/- 1mm)	
Weight per grid	1.3 kg (unfilled)	ISO 845
Weight per SQM	5.2 kg (unfilled)	
Geotextile	None	
Interlocking System	Yes, 4 per side	
Chemical Resistance	High resistance to water, most acids, bases and salt solutions	
Temperature Behaviour	Stable & Frost Resistant	
UV Resistance	Anti-UV Treatment	
Slope Stability	For level sites	
Compressive Strength	Up to 310 tonnes per SQM (unfilled)	ISO 844
	Up to 310 tonnes per SQM (soil/grass fill)	
Applications	Pedestrians, cyclists and motorcyclists	
	Residential driveways - Light vehicles (non HGV)	ISO 124
	Residential parking spaces - Light vehicles (non HGV)	
	Occasional fire engine vehicle access	ISO 1072

NOTE: Values indicated in this data sheet may be used as guidelines for product use, they should be considered neither as specification limits nor as guarantees. In addition, product application, use and/or installation are beyond our control, and consequently, these are the exclusive responsibilities of the end user and/or installer.



A reinforced grass parking area is designed for moderate use. It is a living surface and should be vacated for a sufficient number of hours per day to receive enough sunlight and rainwater to maintain healthy grass coverage. Ideal for moderate use parking areas and overflow parking, As a guideline - vehicles should be parked for less than 8 hours per day on average and undergo occupation equivalent to 4-6 vehicles per day maximum.







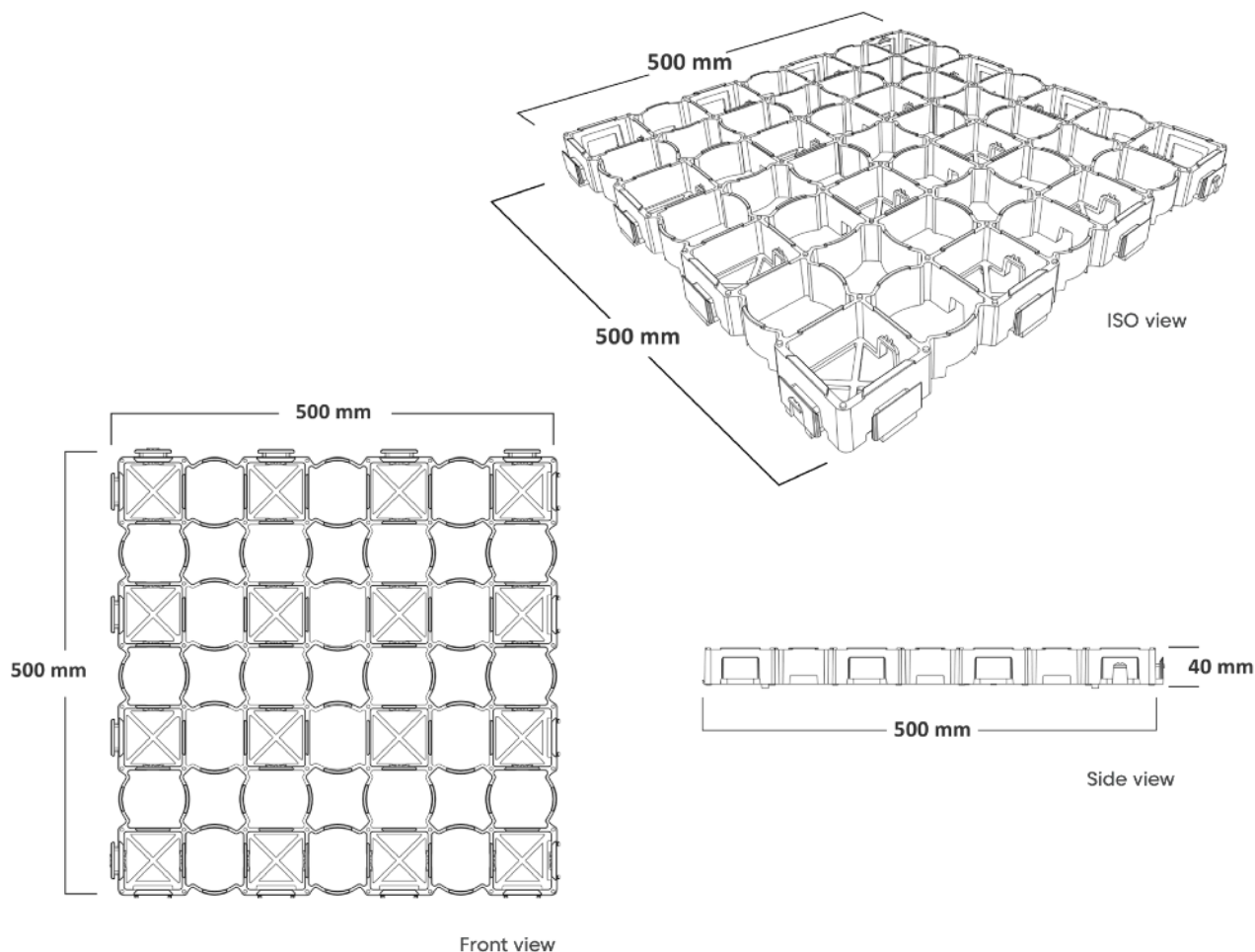
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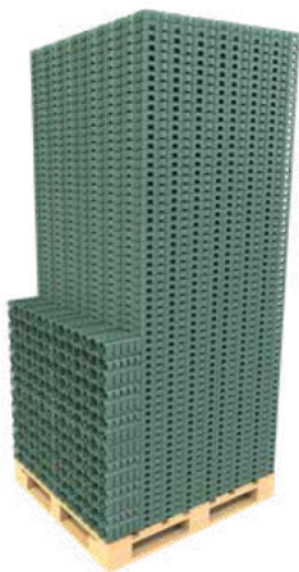
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## Dimensional Drawings



## Packaging Information



	Nidagrass NG040
Pallet Quantity	220 Grids (max.)*
Pallet Coverage	55 SQM (max.)*
Pallet Weight	300 kg (approx.)
Pallet Height	2200 mm / 2.2 m
Pallet Length	1200 mm / 1.2 m
Pallet Width	1000 mm / 1.0 m
Pallet Material	Wooden (non-returnable)
Packaging	Shrink Wrapped & Banded
Pallet Unloading	Tail Lift & Pallet Truck
*There are no minimum or maximum order quantities	





## Permeable Landscaping Solutions

Nidagravel grids have been manufactured to the highest standards by Nidaplast Honeycombs for 40 years having originally developed the cellular gravel retention system. Nidagravel offers the best solution for a stable, 100% permeable, SuDS compliant, high-performance and low-maintenance gravel surface for paths, driveways and car parks. We are dedicated to providing the best possible solutions, technical support and first-class service to our customers all over the UK.

### **Nidagravel UK**

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