



Product ID

Nidagravel 140

Technical Data Sheet

Gravel Stabilisation Grids

PROPERTIES	Nidagravel 140	REF
PRODUCT PROPERTIES		
Material	Polypropylene (PP)	
Structure	Honeycomb (hexagonal cells)	
Grid Coverage	2.4 SQM per grid	
Grid Length	2 m	ISO 1923
Grid Width	1.2 m	
Grid Thickness	40 mm	
Cell Wall Thickness	1mm	
Colour	White	
Cell Size	Approx. 50 mm (+/- 1mm)	
Weight per grid	4.32 kg (unfilled)	ISO 845
Weight per SQM	1.8 kg (unfilled)	
Geotextile	Thermally bonded non-woven	
	Single geotextile membrane bonded to underside	
	PET 45 grams per SQM	
Chemical Resistance	High resistance to water, most acids, bases and salt solutions	
Temperature Behaviour	UV and Frost Resistant	
Slope Stability	10% Maximum recommended gradient	
MECHANICAL PROPERTIES		
Compressive Strength	Up to 400 tonnes per SQM*	ISO 844
	*subject to gravel fill material used	
GRAVEL		
Gravel Fill Quantity	Approx. 80 kg per SQM / 192 kg per grid	
Gravel Size	4/6mm - 18/20mm	
Surface Layer	Overfill grids with surface layer of gravel	
	Overfill depth approx 20 - 25mm	
Gravel Shape	Angular / irregular shaped (recommended)	
Gravel Type	Any durable decorative gravel / chipping	

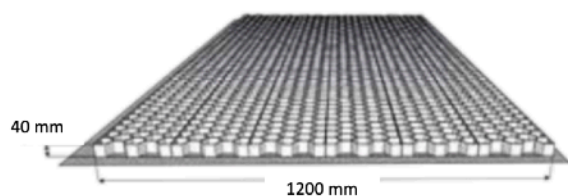


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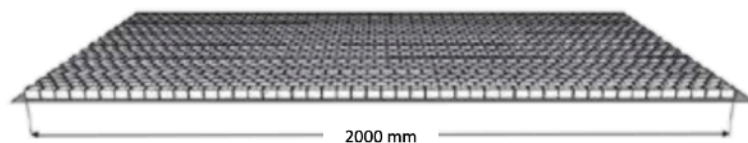
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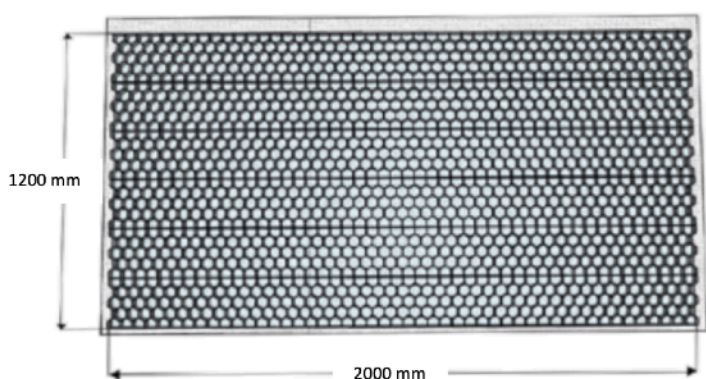
Gravel Stabilisation Grids



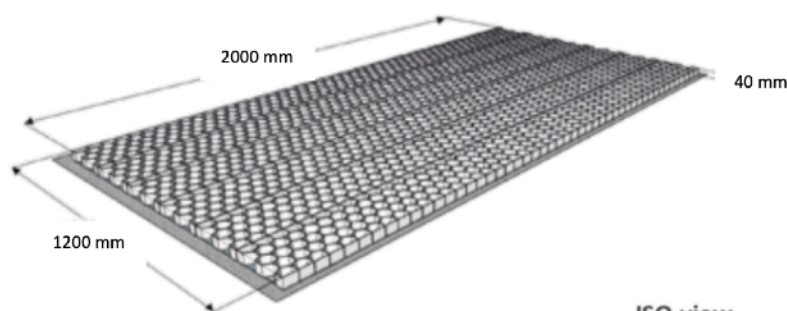
Front view



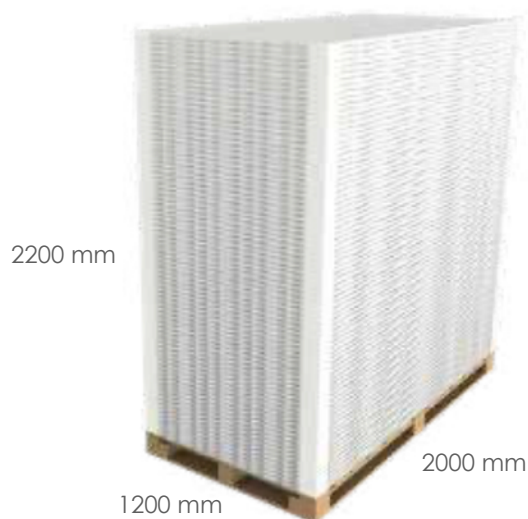
Side view



Top view



ISO view



	Nidagravel 140
Pallet Quantity	52 Grids (max.)
Pallet Coverage	124.8 SQM (max.)
Pallet Weight	250 kg (approx.)
Pallet Height	2200 mm / 2.2 m
Pallet Length	2000 mm / 2 m
Pallet Width	1200 mm / 1.2 m
Pallet Material	Wooden (non-returnable)
Packaging	Shrink Wrapped & Banded
Pallet Unloading	Tail Lift