



Product ID

Nidagrass NG040

Technical Data Sheet

Grass Reinforcement Grids

| PROPERTIES | Nidagrass NG040 - Grass Reinforcement Grids | REF | |
|---|--|------------------|---------|
| PRODUCT PROPERTIES | | | |
| Material | Low Density Polyethylene (LDPE) | | |
| Recycled Material | Yes, 100% Recycled LDPE | | |
| Structure | Cellular | | |
| Grid Coverage | 0.25 SQM per grid | | |
| | 4 grids cover 1 SQM | | |
| Grid Length | 500 mm | | |
| Grid Width | 500 mm | | |
| Grid Thickness | 40 mm | | |
| Cell Wall Thickness | 3mm - 5.5mm | ISO 1923 | |
| Colour | Green | | |
| Cell Size | Approx. 65 mm | | |
| Weight per grid | 1.3 kg (unfilled) | | |
| Weight per SQM | 5.2 kg (unfilled) | ISO 845 | |
| Geotextile | None | | |
| Interlocking System | Yes, 4 per side | | |
| | 2 sides - males connectors / 2 sides - female connectors | | |
| Chemical Resistance | High resistance to water, most acids, bases and salt solutions | | |
| Temperature Behaviour | UV and Frost Resistant | | |
| Slope Stability | Up to 15% slope gradient (Ratio 1:6.67) | | |
| MECHANICAL PROPERTIES | | | |
| Compressive Strength | 310 tonnes per SQM (unfilled) | | ISO 844 |
| | 310 tonnes per SQM (soil/grass mix) | | |
| CERTIFICATIONS | | | |
| Weatherproof and environmentally friendly, potential life in excess of 10 years | | DIN 38412 | |
| Approved for an axle load of up to 20 tonne (driveways, road extensions, bridges) | | DIN 1072 | |
| Approved for parking spaces, access roads and storage depots | | DIN-ISO 124-B125 | |

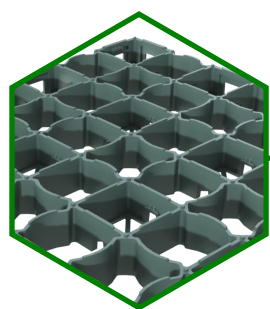


Product ID

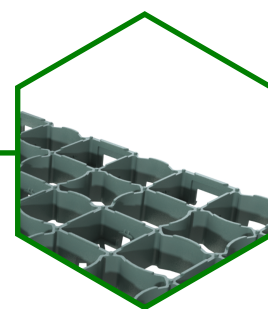
Nidagrass NG040

Technical Data Sheet

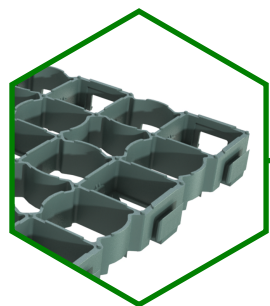
Grass Reinforcement Grids



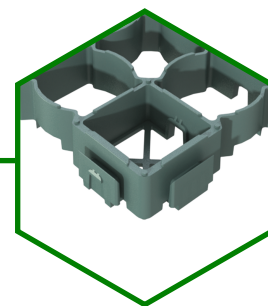
Flexible Cell Wall



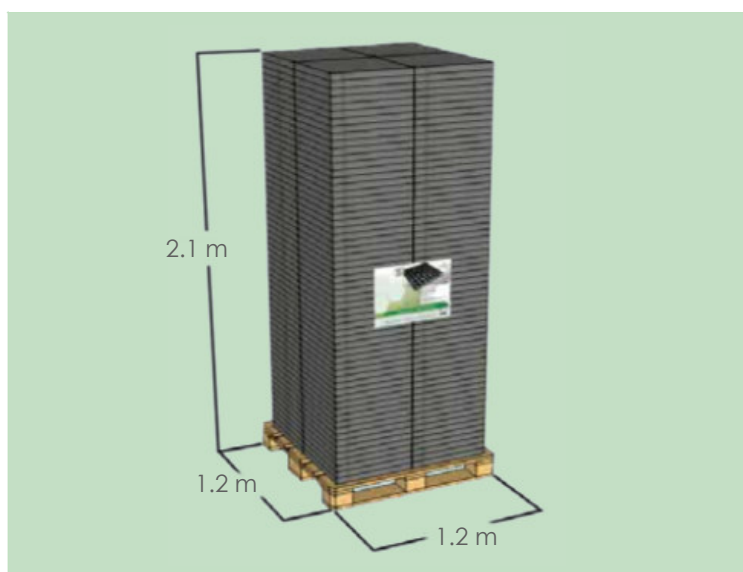
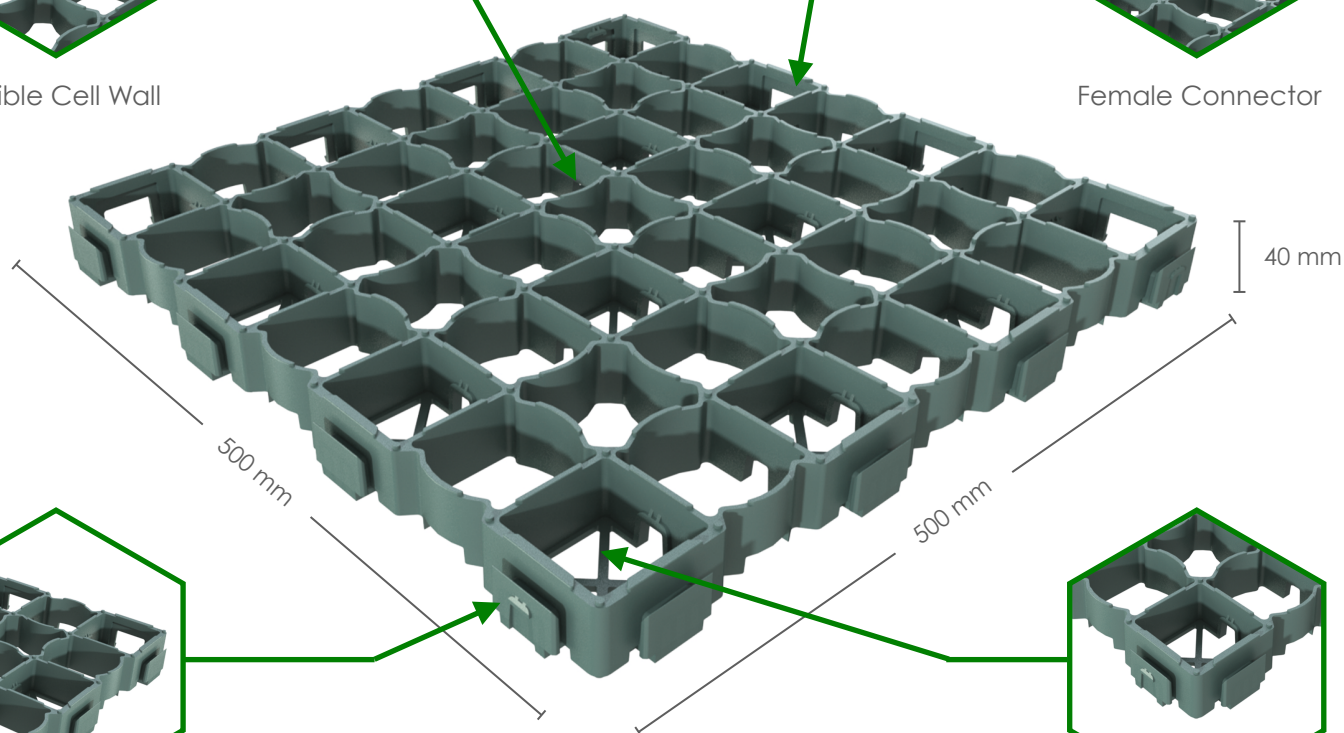
Female Connector



Male Connector



Cell Reinforcement



| | Nidagrass NG040 |
|------------------|-------------------------|
| Pallet Quantity | 200 Grids (max.) |
| Pallet Coverage | 50 SQM (max.) |
| Pallet Weight | 260 kg (approx.) |
| Pallet Height | 2.1 m |
| Pallet Length | 1 m - 1.2 m |
| Pallet Width | 1 m - 1.2 m |
| Pallet Material | Wooden (non-returnable) |
| Packaging | Shrink Wrapped & Banded |
| Pallet Unloading | Tail Lift |