

# ECODECK GRIDS LIMITED

## GROUND REINFORCEMENT GRIDS

### ECO500 SPECIFICATION & DATA SHEET



- Material – 100% recycled UV stable PP/PE Blend.
- Built in anti-migration cell bottom lattice, preventing downwards infill movement.
- Anti-gravel movement ribs, to reduce gravel or general infill migrating on sloped surfaces.
- Cell-wall topped anti slip nodules, giving added vehicle wheel & pedestrian grip.

- Colour – black.
- Non toxic.
- 95% permeable & complies with s.u.d.s. Regulations (sustainable urban drainage regulations).
- Complies with the flood & water management act 2010.
- Temperature range - -50 to +90°C.
- UV stable recycled injection moulded plastic.
- Used on slope-inclines of in excess of 1 in 4.
- RIB wall thickness – 3.5mm.
- Infill suitable for 3mm- 35mm in general.
- Grid lateral dimensions – 500mm x 500mm.
- Grid depth – 40mm.
- Grids per square metre – 4.
- Cell space openings – @ 68mm x 68mm internal.
- Weight per M<sup>2</sup> of grids – 4KG.
- Fixing – 4 integrated V-force push fit locking connections per side.
- Load Bearing – tested EMPTY to a minimum 150 T/M<sup>2</sup>.
- Axle weight – 25T.
- Shipping details – MAXIMUM 280 grids / 70 sq/m per pallet.
- Suitable for domestic & industrial applicational use.

<b>Issued to:</b> ECODECK GRIDS LTD EXPORT DRIVE HUTHWAITE SUTTON IN ASHFIELD NOTTINGHAMSHIRE NG17 6AF	<b>Location of equipment:</b> ECODECK GRIDS LTD EXPORT DRIVE HUTHWAITE SUTTON IN ASHFIELD NOTTINGHAMSHIRE NG17 6AF	<b>Issued by:</b> Lloyds British a division of Speedy Asset Services Ltd Brunel Industrial Estate Blyn Road Harworth DN11 8QA Tel: 01302 751267																					
<b>Report of None Destructive Testing</b> This report complies with the requirements of the Lifting Operations and Lifting Equipment Regulations 1998, SI 2307			<b>Report no:</b> PRJ-0466510001 <b>Your Order no:</b> PO-0025 <b>Our Job no:</b> PRJ-046651 <b>Sheet no:</b> 1 of 1																				
<b>Identification Mark of the Product:</b> ECO500	<b>Description of Equipment:</b> ECO500 40MM DEEP PROFILED SQUARE GRID UNITS	<b>Qty Tested and Examined:</b> 4	<b>Details of Test and Thorough Examination</b> <table border="1"> <thead> <tr> <th>Test:</th> <th>Prod Lot Applied (Identify Only)</th> <th>Additional Examination/Standards</th> <th>Date of Test</th> </tr> </thead> <tbody> <tr> <td>TEST 1</td> <td>5.8RT</td> <td>THE PERFORMED NDT (LOAD BEARING) DEMONSTRATED THAT THE ECO500 CAN WITHSTAND EQUAL TO NO LESS THAN 150N PER SQUARE METER. MULTIPLE ECO500 UNITS WERE TESTED TO THE POINT OF DESTRUCTION IN VARIOUS SCENARIOS USING A 100T HYDRAULIC JACK AND 100T LOAD CELL WITH VARIOUS LOAD BEARING PLATES.</td> <td>25/09/20</td> </tr> <tr> <td>TEST 2</td> <td>250MM DIA. DISC</td> <td></td> <td></td> </tr> <tr> <td>TEST 3</td> <td>16.80T 420MM X 280MM RECTANGLE PLATE</td> <td></td> <td></td> </tr> <tr> <td>TEST 4</td> <td>11.32T 420MM X 180MM RECTANGLE PLATE 11.34T 420MM X 180MM PLATE</td> <td></td> <td></td> </tr> </tbody> </table>	Test:	Prod Lot Applied (Identify Only)	Additional Examination/Standards	Date of Test	TEST 1	5.8RT	THE PERFORMED NDT (LOAD BEARING) DEMONSTRATED THAT THE ECO500 CAN WITHSTAND EQUAL TO NO LESS THAN 150N PER SQUARE METER. MULTIPLE ECO500 UNITS WERE TESTED TO THE POINT OF DESTRUCTION IN VARIOUS SCENARIOS USING A 100T HYDRAULIC JACK AND 100T LOAD CELL WITH VARIOUS LOAD BEARING PLATES.	25/09/20	TEST 2	250MM DIA. DISC			TEST 3	16.80T 420MM X 280MM RECTANGLE PLATE			TEST 4	11.32T 420MM X 180MM RECTANGLE PLATE 11.34T 420MM X 180MM PLATE		
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The above named company products have been thoroughly examined and tested to the point of none destruction within the conditions regulated by the L.E.E.A. (lifting equipment engineers association), The L.O.A. (Lifting operations and lifting equipment regulations), And the P.U.V. (Provision and use of work equipment regulations).																							
	<b>Name and address of person authenticating and signing this report on behalf of:</b> Name: JOSEPH ROBSON Position: TEST ENGINEER Signature: Date of Report: 28TH SEPTEMBER 2020		Registered Office: Speedy Asset Services, Chase House, 16 Parks, Newton Le Willows, WA12 0JQ Company Registration No: 6847930 VAT Reg. No: GB 151 6295 70 Tel: +44 1942 720000 Fax: +44 1942 508780 email: sales@lloydsbritish.com web: www.speedyservices.com																				

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