CORE BIAX 40

Technical specification

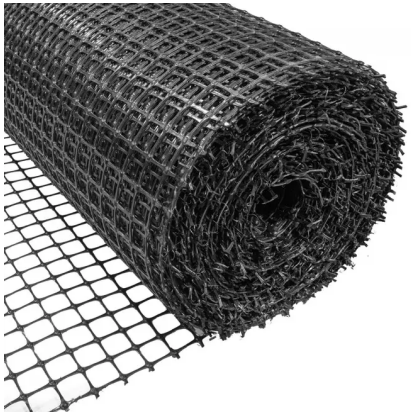
CORE Landscape® Products

Product data

40 kN/m biaxial geogrid for granular ground reinforcement.

Property	Declared value	Test / reference
Material	Polypropylene	Product data
Grid type	Biaxial	Product data
Tensile strength - MD / CMD	40 / 40 kN/m	EN ISO 10319
Tensile load at 2% strain - MD / CMD	14 / 14 kN/m	EN ISO 10319
Tensile load at 5% strain - MD / CMD	28 / 28 kN/m	EN ISO 10319
Aperture opening	38 × 38 mm	Product data
Junction efficiency	95%	Declared value
Maximum elongation - MD / CMD	15 / 13%	Declared value

MD: machine direction, along the roll. CMD: cross-machine direction, across the roll. Strength values describe the grid; they are not a vehicle load rating.



Representative product image.

Roll formats

Size	Nominal area
4 m × 30 m	**120 m²**

Allow for overlaps, cuts and site geometry when calculating installed coverage.

CORE BIAX 40

Applications & installation planning

Where it works

CORE BIAX 40 is a polypropylene geogrid with 40 kN/m tensile strength in both principal directions. It reinforces compatible granular layers beneath roads, access routes, car parks and working platforms.

- Temporary and permanent access roads
- Car parks and industrial hardstandings
- Designed working platforms
- Sub-bases over weak or variable ground

Before you specify

- The grade number is a tensile-strength designation, not a permitted vehicle weight.
- Aggregate grading, ground strength, traffic and layer depth all influence performance.
- A separate geotextile may still be required for separation or filtration.

Full product information: corelp.co.uk/core-biax-40/

Installation planning

01 Prepare the formation

Remove obstructions that could damage the grid. Install a separation geotextile if specified.

02 Position the grid

Roll flat at the designed level and orientation. Maintain the approved overlaps and anchorage.

03 Place suitable aggregate

Use the specified grading and cover depth. Do not traffic directly on exposed geogrid.

04 Compact and inspect

Compact in controlled layers without displacing the grid. Check overlaps, cover, damage and levels before continuing.

Plan your next job with CORE

01753 652 555 sales@corelp.co.uk