



PARALINK® ultra strong reinforcement geogrid for civil engineering application.



PARALINK® FEATURES

- Ultra high tensile strength
- MD strength up to 1350 kN
- High modulus
- Tough durable polyethylene sheath
- Low creep characteristics
- Easy to install
- Highly resistant to chemicals, micro-organisms, UV radiation and mechanical damage

PARALINK® is an ultra strong reinforcement geogrid for civil engineering applications which is manufactured from PARAWEB®. PARAWEB® consists of discrete bundles of parallel high strength synthetic fibres encased in a tough and durable polymeric sheath.

In PARALINK®, parallel strips of high strength PARAWEB® are evenly spaced, using bonded cross machine direction webs, to create two-dimensional structures up to 4.5 metres wide. PARALINK® is manufactured on specially designed equipment. Strength, performance and durability are the hallmarks of PARALINK's success and unmatched track record within the industry.

Linear Composites Ltd specialises in production of PARALINK® of non standard strengths, widths and lengths to suit specific applications. The configuration of PARALINK® is illustrated below in Figure 1.

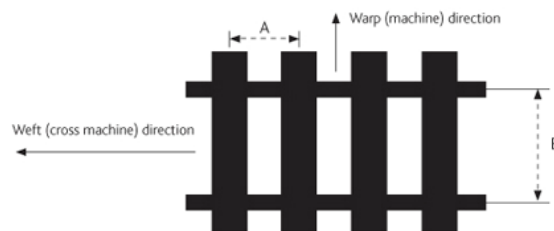


Figure 1 : PARALINK® Cross Section

Standard PARALINK® range

PARALINK™ CASE STUDIES

- Basal Reinforcement Durban, ZA
- Airport Rail Link Stansted Airport, UK
- Reinforced Soil Structure Krakow, Poland
- Basal Reinforcement Richards Bay, ZA
- Slope Reinforcement Pescara, Italy
- Basal Reinforcement Kooragang Island, NZ
- MSE Structure New Mexico, USA

PARALINK™ Grade	Characteristic short term strength in length direction (kN/m)	Standard roll width (m)	Standard roll length (m)	Product Weight (kg) (+/-5%)	Product Mass (kg) (+/-5%)	Grid size warp/weft A x B (mm)
100	100	4.5	200	440	425	180 x 1000
150	150	4.5	200	520	515	180 x 1000
200	200	4.5	200	590	590	180 x 1000
250	250	4.5	200	690	697	180 x 1000
300	300	4.5	200	770	789	180 x 1000
350	350	4.5	150	660	890	180 x 1000
400	400	4.5	150	750	1014	180 x 1000
450	450	4.5	130	720	1124	180 x 1000
500	500	4.5	130	780	1219	180 x 1000
550	550	4.5	100	700	1410	180 x 1000
600	600	4.5	100	750	1507	180 x 1000
650	650	4.5	100	830	1681	180 x 1000
700	700	4.5	50	480	1835	180 x 1000
750	750	4.5	50	510	1970	150 x 1000
800	800	4.5	50	550	2135	150 x 1000
850	850	4.5	50	570	2221	125 x 1000

▼ TECHNICAL DATASHEETS
SECURE LOGIN



900	900	4.5	50	600	2351	125 x 1000
950	950	4.5	50	640	2543	125 x 1000
1000	1000	4.5	50	660	2616	125 x 1000
1050	1050	4.5	50	680	2695	100 x 1000
1100	1100	4.5	50	710	2829	100 x 1000
1150	1150	4.5	50	750	3018	100 x 1000
1200	1200	4.5	50	790	3171	100 x 1000
1250	1250	4.5	50	800	3254	100 x 1000
1300	1300	4.5	50	860	3475	100 x 1000
1350	1350	4.5	50	900	3674	100 x 1000

Intermediate grades and non-standard roll dimensions are available on request. Standard grades of PARALINK® are covered by BBA certificate 03/4065.

The full technical properties and performance parameters are detailed in separate data sheets, which are available to download in the [secure login area](#).

PARALINK® applications

REINFORCED
SOIL STRUCTURES



STEEP SLOPE
REINFORCEMENT



CIVIL ENGINEERING/
CONSTRUCTION



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