

Accepted geosynthetic materials

(in accordance with clause 6.8.1 of the 3rd Edition of the Waka Kotahi *Bridge manual*)

Based upon submitted product information, testing results, and certification, Waka Kotahi accepts the following geosynthetics for use as soil reinforcement in accordance with Section 6 of the Waka Kotahi *Bridge manual*. Note these acceptances apply only to the geosynthetics and not to any facings or connections, and only for products from the stated manufacturers.

Cert Number	Supplier	Product	Manufacturer	Grades	Latest Issue Date	Expiry Dates
1	Cirtex Industries Ltd, Thames Contact: Michael Sorensen	StrataGrid SGU and SGB series geogrid	Strata Geosystems India Pvt Ltd, Bhimpore, Daman, India	SGU 20, 35, 40, 55, 60, 80, 100, 110, 120, 150, 180, 200, 250, 300, 350, 400, SGB 20, 30, 40, 50, 60, 65, 80, 100	05 April 2023	NZTA Cert: 13 Jul 2026 India Plant: 29 Jul 2025
7		Geoter F-PET series composite geotextile	Texinov, La Tur du Pin Cedex, France	F-PET 100/50, 200/50, 300/50, 400/50, 600/50, 800/50, 1000/50, 1000/100, 1600/100, 1800/100	04 April 2023	NZTA Cert: 12 May 2026 France Plant: 28 May 2024
8		Geoter W-PET series geotextile	Texinov, La Tur du Pin Cedex, France	W-PET 100/50, 200/50, 300/50, 400/50, 600/50, 800/50, 1000/50, 1000/100, 1800/100	04 April 2023	NZTA Cert: 12 May 2026 France Plant: 28 May 2024
16		StrataTex HSR series geotextiles	Strata Geosystems India Pvt.Ltd, Survey No. 284, Dist – Valsad, Gujarat – 396105, India	StrataTex HSR 100/50, 150/50, 200/50, 300/50, 400/50, 600/50, 800/50, 1000/100, 1200/100, 1400/100, 1800/100	09 Jan 2023	NZTA Cert: 09 Jan 2027 India Plant: 29 July 2025
2		AceGrid geogrid	ACE Geosynthetics Co Ltd, Tachia, Taichung, Taiwan	GG40, 60, 80, 100, 120, 150, 200	19 Nov 2014	EXPIRED – CHANGED SUPPLIER NZTA Cert: 18 Nov 2017
4	Geofabrics NZ Ltd, Penrose Auckland Contact: Gordon Stevens	Tensar RE500 series uniaxial geogrid	Tensar Manufacturing Ltd, Blackburn, Lancashire, UK Tensar Geosynthetics China Ltd, Hanyang District Wuhan, China	RE510, 520, 540, 560, 570, 580	08 Mar 2024	NZTA Cert: 29 Aug 2026 Geofabrics: 15 Oct 2026 UK Plant: 24 May 2024 China Plant: 26 Apr 2026
5		Miragrid GX series geogrid	Tencate Geosynthetics Asia, Shah Alam, Selangor, Malaysia	GX 40/40, 60/30, 80/30, 100/30, 130/30, 160/50, 200/50, 400/50	08 Mar 2024	NZTA Cert: 09 Jun 2025 Geofabrics: 15 Oct 2026 Malay Plant: 01 Aug 2026
6		Mirafi PET series geotextiles	Tencate Industrial Zhuhai Co Ltd, Zhuhai, Guangdon China	PET 200-50, 300-50, 400-50, 600-50, 800-50, 1000-50, 1200-50, 1400-50, 1600-50, 1000-100, 2000-50	08 Mar 2024	NZTA Cert: 31 Jul 2026 Geofabrics: 15 Oct 2026 China Plant: 08 Sep 2024
9		ParaGrid uniaxial series geogrid	Linear Composites Ltd, Keighley, West Yorkshire, UK	PARAGRID 30/05, 40/05, 50/05, 65/05, 80/05, 90/05, 100/05, 110/05, 120/05, 135/05, 150/05, 160/05, 175/05, 200/05, 30/15, 50/15, 80/15, 100/15, 120/15, 150/15, 160/15, 200/15	28 Feb 2024	NZTA Cert: 28 Feb 2027 Geofabrics: 15 Oct 2026 UK Plant: 31 Jul 2025
10		ParaLink series geogrid	Maccaferri Environmental Solutions Pvt. Ltd, Pune, India	PARALINK 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000, 1050, 1100, 1150, 1200, 1250, 1300, 1350, 1500, 1600	28 Feb 2024	NZTA Cert: 28 Feb 2027 Geofabrics: 15 Oct 2026 India Plant: 15 Jun 2026
12		ParaGrid HF series geogrid	Maccaferri Environmental Solutions Pvt. Ltd, Pune, India	PARAGRID HF 90/5, 100/5, 125/5, 150/5, 175/5, 200/5, 250/5	16 Jun 2023	NZTA Cert: 28 Feb 2026 Geofabrics: 15 Oct 2026 India Plant: 15 Jun 2026
3		ParaWeb series geogrid	Linear Composites Ltd, Keighley, West Yorkshire, UK Maccaferri Environmental Solutions Pvt. Ltd, Pune, India	PARAWEB WITH SHEATH TYPE 2E, 2D AND 2S, GRADES 30, 40, 50, 70, 75, 100, AND ME, MD, MS, GRADES 27, 36, 37.5, 45, 54, 63	20 Sep 2019	EXPIRED - CHANGED SUPPLIER NZTA Cert: 09 Jan 2023 Geofabrics: 15 Oct 2023 UK Plant: 31 Jul 2025 India Plant: 15 Jun 2023
13	Geosynthetics Partners International Ltd (GPIL),	ParaWeb series geostrips	Maccaferri Environmental Solutions Pvt Ltd, D 40 MIDC, Ranjangaon, Pune, India Linear Composites Ltd, Vale Mills, Aokworth, West Yorkshire, United Kingdom	PARAWEB WITH SHEATH TYPE 2E, 2D AND 2S, grades 30, 40, 50, 70, 75, 100, AND ME, MD, MS, grades 27, 36, 37.5, 45, 54, 63	16 Jun 2023	NZTA Cert: 02 Mar 2026 India Plant: 15 Jun 2026 UK Plant: 31 Jul 2025

Cert Number	Supplier	Product	Manufacturer	Grades	Latest Issue Date	Expiry Dates
15	Milford, Auckland Contact: Chris Brockliss	MacTex W2 series geotextiles	Officine Maccaferri S.p.A., Via John Fitzgerald Kennedy, 10, 40069 Zola Pendrosa, Bologna, Italy	MACTEX W2 10.05, 20.05, 30.05, 40.05, 45.05, 60.05, 80.05, 100.05, 100.10, 120.10, 140.10, 150.10	16 Sept 2023	NZTA Cert: 26 Nov 2026 Italy Plant: 22 July 2024
14	Duracrete Products Ltd, Kauri, Whangarei Contact: David Howard	Miragrid XT series geogrid	Tencate Geosynthetics Ltd	MIRAGRID 5XT, 8XT, 10XT, 20XT, 24XT	08 Dec 2023	NZTA Cert: 08 Dec 2026 USA Plant: 15 Sept 2024
N/A	Huesker	Fortrac T and Fortrac MPT series geogrids	Huesker Synthetic GmbH, Gescher, Germany	FORTRAC 35 T, 55 T, 65 T, 80 T, 110 T, 150 T, 200 T, FORTRAC R 300/50-30 T, 110/20-70 T, 150/20-70 T, 200/20-70 T, 300/30-70 MPT	18 Dec 2017	EXPIRED NZTA Cert: 18 Dec 2020 Huesker: 14 Sep 2018
N/A	Bluey	BlueGeo		GRP60 – GRP Soil nails		DECLINED