

CERTIFICATE OF COMPLIANCE NZTA T 12:2013

Applicator: Owner:	Type LA 2008 Unimark Highwaymar Thermoplastic Applica Roadmarkers New Zea P O Box 5074	ator		
	Frankton 3242			NT 20/06/2025
Test Description:	The long life pavement marking applicator described by this certificate has been tested under the conditions described and found to comply with the relevant requirements of NZTA Specification NZTA T12:2013			
Test Conditions:	 The scope of the NZTA T12: 2013 certification was as follows; Application of Audio Tactile Markings to Schedule B, Thermo Plastic Audio Tactile, in accordance with Unimark Technical Specification, NZTA M24:2006, NZTA P30:2008 and NZTA T12:2013. 			
Test Identification:	 The Chassis number of the tested unit is 150886111 The tests were carried out at the depot of Mark Roads Ltd on the 20th of May 2025. The materials used for both tests was; GEVEKO Thermoplastic Roadmarking Material and Potters R145 Pristine glass beads (AS/NZS 2009) 			
Equipment Tested:		UNIMA	RK	UNI008
	Extruder Drive	UNIMA		UNI008
	Compressor		pco LE7	WCF444594 UNI008
	Bead Applicators (2) Intermittent Line	UNIMARK Permatronics PTMI		0302
	Devise			0002
C_{OX}	Speedometer	Permatro	onics PTMI	0302
Applicator Speeds:	10)0mm	150mm	200mm
_	Schedule B		1.0 km/hr	
Special Notes:	 The applicator is not capable of applying turn arrows. This certificate is accompanied by T18 certificate. 			



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SCHEDULE B

Audio Tactile Profile Markings with Thermoplastic in accordance with Unimark Technical Specification, NZTA M24:2006, NZTA P30:2008 and NZTA T12:2013

The markings when applied to flat electro-galvanised steel plates met all dimension and performance requirements as specified in; NZTA M24:2006 Specification for Audio Tactile Profiled Roadmarkings, NZTA P30:2009 Specification for High Performance Roadmarkings and NZTA T12:2013 Specification for Long-Life Pavement Marking Material Applicator Testing.

The values specified in NZTA M24:2006, NZTA P30:2009 and NZTA T12:2013 used for determination of compliance were as follows:

<u>Gap length between segments</u> Where gap is less than 3.0m but greater than $1.0m; \pm 150mm$

Length of segment.

Where segment is shorter than 1.0m; $\pm 50mm$

Raised blocks.

Block height; +15%, -5% of the specified value. (9 mm) Block width; +30%, -20% of the specified value (150mm) Block length; +30%, -20% of the specified value (50mm) Block pitch; +5%, -5% of the specified value. (250mm)

Retroreflectivity.

AS/NZS 2009 Class B (drop-on) glass beads applied uniformly a minimum rate of 275gm/m².

Dry retroreflectivity; a minimum of 150 mcd/m²/lux. Wet retroreflectivity; a minimum of 80 mcd/m²/lux

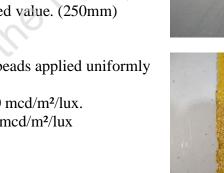
Day Time Visibility.

Minimum Qd of 100 mcd/m²/lux



at







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Registration Details:

[NZRF Stamp & Unique Number]

6065



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Initial Certificate Testing Officer:

Bruce Belton Mark Roads Ltd

T/12 Testing Officer:

Bruce Belton Mark Roads Ltd

Signed:

BjBelton

Date of Expiry:

20th May 2026

copied from the