

CERTIFICATE OF COMPLIANCE NZTA T 12:2013

Applicator: Type LA 2008
Unimark Highwayman
Thermoplastic Applicator

Owner: Roadmarkers New Zealand Ltd
P O Box 5074
Frankton
3242



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:	Extruder Head	UNIMARK	UNI008
	Extruder Drive	UNIMARK	UNI008
	Compressor	Atlas Copco LE7	WCF444594
	Bead Applicators (2)	UNIMARK	UNI008
	Intermittent Line	Permatronics PTMI	0302
	Devise		
	Speedometer	Permatronics PTMI	0302

Applicator Speeds:	100mm	150mm	200mm
Schedule B		1.0 km/hr	

Special Notes:

1. The applicator is not capable of applying turn arrows.
2. This certificate is accompanied by T18 certificate.

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:

Gap length between segments

Where gap is less than 3.0m but greater than 1.0m; $\pm 150\text{mm}$

Length of segment.

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

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 at 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



CERTIFICATE OF COMPLIANCE **NZTA T 12:2013**

Registration Details:

[NZRF Stamp & Unique Number]

6065



Initial Certificate Testing Officer:

Bruce Belton
Mark Roads Ltd

T/12 Testing Officer:

Bruce Belton
Mark Roads Ltd

Signed:

Bj Belton

Date of Expiry:

20th May 2026

Copied from the NZRF T 12 Register