

CERTIFICATE OF COMPLIANCE NZTA T 12:2013

Applicator: 2005 Hofmann H18, Type LA Cold Applied Plastic Applicator, Registration # CZC276

Owner: Combined Road & Traffic Services Ltd,
P O Box 7013
Rotorua 3074



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 recertification was as follows;

- Schedule B; Application of Audio Tactile Profile Markings with Cold Applied Plastic in accordance with NZTA M24:2006, NZTA P30:2008, NZTA T12:2013

Test Identification:

- The Registration plate of the tested unit is CZC276 and the Chassis number is 190/0048
- The tests were carried out at the CRTS depot, 20 Katoro Rd, Rotorua on the 8th of September 2025.
- The materials used for both tests were; Damar CAP Yellow ATP ARZ1946Z and Potters AC-07 adherence promoting coated glass beads.

Equipment Tested:

165 mm CAP Box	Hofmann	H18/165
Catalyst Unit	Kadcam	0006
Bead Applicator	Handock	H/18
Compressor	Fu Sheng	280625
Speedometer	Novo Autolog 200	H/18

Applicator Speeds:

	100mm	150mm	200mm
	Schedule B	2.2 km/h	

Special Notes: 1. The applicator is not capable of applying turn arrows.

SCHEDULE B

Audio Tactile Profile Markings with Cold Applied Plastic in accordance with 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 3.0m or more: $\pm 300\text{mm}$
Where gap is less than 3.0m but greater than 1.0m; $\pm 150\text{mm}$
Where gap is less than 1.0m: $\pm 50\text{mm}$

Length of segment

Where segment is longer than 5.0m; $\pm 150\text{mm}$
Where segment is shorter than 5.0m but longer than 1.0m; $\pm 75\text{mm}$
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 300gm/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

Colour

Yellow; a discolouration of not more than 4/5 from colour Y13 – Y14 of AS2007S

Skid Resistance

50 BPN or greater for roadmarkings with a dry film thickness of 0.9 mm or greater



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Registration Details:

[NZRF Stamp & Unique Number]

6144



Initial Certificate Testing Officer:

Ross Ridings
Quality Surveillance Ltd

T/12 Testing Officer:

Bruce Belton
Mark Roads Ltd

Signed:

Bj Belton

Date of Expiry:

8th September 2026

