NZ TRANSPORT AGENCY
WAKA KOTAHI

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

Applicator: *2001 Coastline Markers, Operator mounted, Type LB Cold Applied Plastic Applicator.* Registration CTS905

Owner: Fulton Hogan Ltd, T/A Coastline Markers
PO Box 5503
Frankton,
Hamilton 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 recertification was as follows;

- Application of Audio Tactile Markings to Schedule B, Cold Applied Plastic Audio Tactile, in accordance with Coastline Markers Technical Specification, NZTA M24:2006, NZTA P30:2009 and NZTA T12:2013.
- Application of Agglomerate Cold Applied Plastic to Schedule C1, Agglomerate Cold Applied Plastic, in accordance with Coastline Markers Technical Specification, NZTA P30:2009 and NZTA T12:2013.
- Application of Audio Tactile Markings to Schedule C2, Cold Applied Plastic Audio Tactile in combination with Agglomerate Cold Applied Plastic, in accordance with Coastline Markers Technical Specification, NZTA M24:2006, NZTA P30:2009 and NZTA T12:2013.

Test Identification:

- The Chassis number of the tested unit is 47624
- Registration of the applicator is CTS905
- The tests were carried out at Coastline Markers depot in Hamilton, on the 19th May 2025
- The materials used for all tests were:
  - Damar CAP Structure/ ATP
  - Potters AC-07 adherence promoting coated type B drop-on glass beads

Equipment Tested:

CAP Dosing Unit	Kadcam	905
Structure Spindle	Kadcam	905
Bead Applicator	Handock	905
Compressor	ABAC	905
Speedometer	Autoline 410	CTS905

Applicator Speeds:

	100mm	**150mm**	**200mm**
Schedule B		1.61 km/h	
Schedule C1		1.52 km/h	
Schedule C2		1.47 km/h	

SCHEDULE B

Cold Applied Plastic Audio Tactile, in accordance with Coastline Markers Technical Specification, NZTA M24:2006, NZTA P30:2009 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, (alternative dimensional tolerances)
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, NZTA T12:2013 used for determination of compliance were as follows:

Raised blocks.
Block height; + 15 %, – 5 % of the specified value. (9 mm)
Block width; + 10 %, – 5 % 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 Type 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.
White; a discolouration of not more than 4/5 from colour Y35 of AS2007S

Skid Resistance.
N/A

SCHEDULE C1

Agglomerate Cold Applied Plastic, in accordance with Coastline Markers Technical Specification, NZTA P30:2009 and NZTA T12:2013.

The markings when applied to flat electro-galvanised steel plates met all dimension and performance requirements as specified in;
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 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: ± 300mm

Where gap is less than 3.0m but greater than 1.0m; ± 150mm
Where gap is less than 1.0m: ± 50mm

Length of segment.
Where segment is longer than 5.0m; ± 150mm
Where segment is shorter than 5.0m but longer than 1.0m; ± 75mm
Where segment is shorter than 1.0m; ± 50mm

Line width.
All line widths; + 10 %, – 5 % of the specified value. (100mm, 150 mm & 200mm)

Structured (Agglomerate) Cold Applied Plastic.
1. Material application rate of 2.5kg/m² ± 10%
2. A coverage between 55% and 75%, and
3. Line appearing continuous when sitting in a passenger car.

Retroreflectivity.
AS/NZS 2009 Type 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.
White; a discolouration of not more than 4/5 from colour Y35 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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SCHEDULE C2

Cold Applied Plastic Audio Tactile in combination with Agglomerate Cold Applied Plastic, in accordance with MOTSAM Part II, Coastline Markers Technical Specification, NZTA M24:2006, NZTA P30:2009 and NZTA T12:2013.

The markings when applied to flat electro-galvanised steel plates met all dimension and performance requirements as specified in;
MOTSAM Part II , 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 MOTSAM Part II, NZTA P30:2009, NZTA T12:2013 used for determination of compliance were as follows:

Gap length between segments
Where gap is 3.0m or more: ± 300mm
Where gap is less than 3.0m but greater than 1.0m; ± 150mm
Where gap is less than 1.0m: ± 50mm

Length of segment.
Where segment is longer than 5.0m; ± 150mm

Where segment is shorter than 5.0m but longer than 1.0m; ± 75mm

Where segment is shorter than 1.0m; ± 50mm

Raised blocks.
Block height; + 15 %, – 5 % of the specified value. (9 mm)
Block width; + 10 %, – 5 % of the specified value (150mm)
Block length; + 30 %, – 20 % of the specified value (50mm)
Block pitch; + 5 %, - 5 % of the specified value. (500mm)

Structured (Agglomerate) Cold Applied Plastic.
1. Material application rate of 2.5kg/m² ± 10%
2. A coverage between 55% and 75%, and
3. Line appearing continuous when sitting in a passenger car.

Retroreflectivity.
AS/NZS 2009 Class B (drop-on) glass beads applied uniformly at a minimum rate of 300gm/m².
Dry retro reflectivity; a minimum of 150 mcd/m²/lux.
Wet retro reflectivity; a minimum of 80 mcd/m²/lux

Skid Resistance (Structured/ Agglomerate).
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]

6051

The New Zealand Roadmarkers Federation Inc
PO Box 143 605, Auckland

Initial Certificate Testing Officer: Ross Ridings
Quality Surveillance Ltd

T/12 Testing Officer: Lance Wright
Fulton Hogan Ltd T/A Coastline Markers

Signed:

Date of Expiry: **19th May 2026**