

## 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 19<sup>th</sup> 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

<b>Equipment Tested:</b>	CAP Dosing Unit	Kadcam	905
	Structure Spindle	Kadcam	905
	Bead Applicator	Handock	905
	Compressor	ABAC	905
	Speedometer	Autoline 410	CTS905

<b>Applicator Speeds:</b>		<b>100mm</b>	<b>150mm</b>	<b>200mm</b>
	<b>Schedule B</b>		1.61 km/h	
	<b>Schedule C1</b>		1.52 km/h	
	<b>Schedule C2</b>		1.47 km/h	

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### 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/m<sup>2</sup>.

Dry retroreflectivity; a minimum of 150 mcd/m<sup>2</sup>/lux.

Wet retroreflectivity; a minimum of 80 mcd/m<sup>2</sup>/lux

#### **Day Time Visibility.**

Minimum Qd of 100 mcd/m<sup>2</sup>/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:  $\pm 300\text{mm}$

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;  $\pm 50\text{mm}$

**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  $2.5\text{kg/m}^2 \pm 10\%$
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  $300\text{gm/m}^2$ .

Dry retroreflectivity; a minimum of  $150\text{mcd/m}^2/\text{lux}$ .

Wet retroreflectivity; a minimum of  $80\text{mcd/m}^2/\text{lux}$

**Day Time Visibility.**

Minimum Qd of  $100\text{mcd/m}^2/\text{lux}$

**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



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:  $\pm 300\text{mm}$   
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; + 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  $2.5\text{kg/m}^2 \pm 10\%$
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  $300\text{gm/m}^2$ .  
Dry retro reflectivity; a minimum of  $150\text{mcd/m}^2/\text{lux}$ .  
Wet retro reflectivity; a minimum of  $80\text{mcd/m}^2/\text{lux}$

**Skid Resistance (Structured/ Agglomerate).**

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



CERTIFICATE OF COMPLIANCE NZTA T 12:2013

**Registration Details:**

[NZRF Stamp & Unique Number]

6051



**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**

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