

CERTIFICATE OF COMPLIANCE NZTA T 12:2013

Applicator: 2019 Hino 500 FC
CLM Type LA CAP Striper,
Registration number LYD324

Owner: Fulton Hogan Ltd,
T/A Coastline Markers

PO Box 302-528
North Harbour
Auckland



Test Description: **The pavement marking applicator as described by this certificate has been tested under the conditions described and found to comply with the relevant requirements of TNZ Specification TNZ T12:2013.**

Test Conditions: The scope of the Certification was as follows:

- 1) Application of ATP to Schedule One Audio Tactile Markings, in accordance with Coastline Markers Technical Specification, NZTA M24:2006, NZTA P30:2008 and NZTA T12:2013.
Tested at: 150mm/250 pitch.
- 2) Application of Agglomerate Cold Applied Plastic to Schedule Two, Agglomerate Cold Applied Plastic in Accordance with CML Technical Specification, NZTA P 30:2008 and NZTA T12:2013
- 3) Application of Agglomerate Flat Cold Applied Plastic and Cold Applied Plastic Audio Tactile Markings to Schedule Three in Accordance with NZTA M 24:2006, NZTA P/30:2008, and NZTA T12:2013
Tested at: 150mm/500 pitch.

Test Identification: The tests were carried out at Roadmarking Services depot in Palmerston North on Thursday 8th May 2025.
The Applicator Chassis Number is JHDFC7JIMXXX10563
The material used for the tests was:
Damar Cold Applied Plastic (CAP) Structure/ ATP for all schedules.
Potters Pristine type B AC-07 Drop-on Glass Beads (AS/NZS 2009) for all Schedules.

Equipment Tested:	CAP Feed pump	Kadcam	1901
	CAP 150mm Box	CLM	1901/150
	CAP Structure Unit	CLM	1901
	Compressor	Fusheng TA80	EA7170906
	Speedometer	Novo- Mega Trends	TREK773
	Bead Guns	Potters Speedbeader	

Applicator Speeds (kph):	Line Width			
	Schedule	100mm	150mm	200mm
	One		1.75	
	Two		1.58	
	Three		1.66	

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Schedule One

Cold Applied Plastic Audio-Tactile tested at 250 pitch in Accordance with CML Technical Specification, NZTA M 24:2006, NZTA P 30:2008, and NZTA T 12:2013

The markings when applied to flat electro-galvanised steel plates met all dimension and performance requirements as specified in NZTA M 24:2006 Specification for Audio Tactile Profiled Roadmarkings, NZTA P 30:2008 Specification for High Performance Roadmarkings and NZTA T 12:2013 Specification for Long-Life Pavement Marking Material Applicator Testing.

The values specified in NZTA M 24, NZTA P 30 and NZTA T 12 used for determination of compliance were as follows:

Gap Length Between Segments

Where gap is 3.0m or more ± 300 mm

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

Where gap is 1.0m or less ± 50 mm

Length of Segments

Where segment is longer than 5.0m ± 150 mm

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

Where segment is 1.0m or shorter ± 50 mm

Raised Blocks

Block height; + 15 %, - 5 % of the specified value. (8 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 275 grams/m².

1. Reflectivity (dry - R): A minimum of 150 mcd/m²/lux.
2. Reflectivity (condition of wetness - RW): A minimum of 80 mcd/m²/lux.

Skid Resistance

Not Applicable



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Schedule Two

Agglomerate Flat Cold Applied Plastic in Accordance with CML Technical Specification, NZTA P 30:2008, and NZTA T 12:2003

The markings when applied to flat electro-galvanised steel plates met all dimension and performance requirements as specified in NZTA P 30: 2008 Specification for High Performance Roadmarkings.

The values specified in NZTA P 30:2008 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 1.0m or less $\pm 50\text{mm}$

Length of Segments

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 1.0m or shorter $\pm 50\text{mm}$

Cold Applied Plastic Line Width

All line widths $+10\% - 5\%$

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 275 grams/m².

1. Reflectivity (dry - R): A minimum of 150 mcd/m²/lux.
2. Reflectivity (condition of wetness - RW): A minimum of 80 mcd/m²/lux.

Skid Resistance

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



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Schedule Three

Agglomerate Flat Cold Applied Plastic and Cold Applied Plastic Audio-Tactile tested at 500 pitch in Accordance with NZTA M 24:2006, NZTA P 30:2008, and NZTA T 12:2003

The markings when applied to flat electro-galvanised steel plates met all dimension and performance requirements as specified in NZTA M 24:2006 Specification for Audio Tactile Profiled Roadmarkings, NZTA P 30:2008 Specification for High Performance Roadmarkings and NZTA T 12: 2013 Specification for Long-Life Pavement Marking Material Applicator Testing.

The values specified in NZTA M 24, NZTA P 30 and NZTA T 12 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 1.0m or less $\pm 50\text{mm}$

Length of Segments

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 1.0m or shorter $\pm 50\text{mm}$

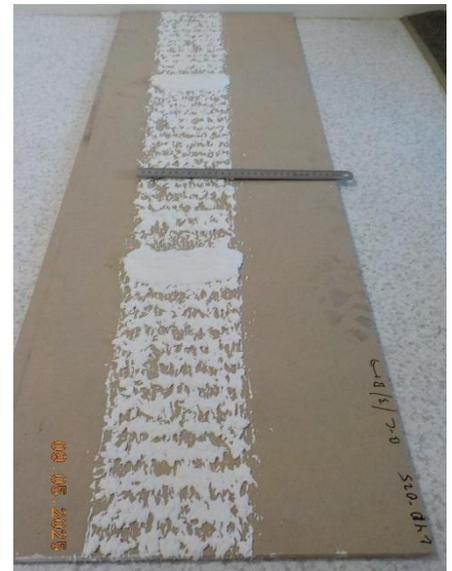
Raised Blocks

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. (500mm)



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 275 grams/m².

1. Reflectivity (dry - R): A minimum of 150 mcd/m²/lux.
2. Reflectivity (condition of wetness - RW): A minimum of 80 mcd/m²/lux.

Skid Resistance

Not Applicable

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Registration Details:

[NZRF Stamp & Unique Number]

6050



Initial Certificate Testing Officer:

Bruce Belton
Mark Roads Ltd

T/12 Testing Officer:

Lance Wright
Fulton Hogan Ltd, T/A Coastline Markers

Signed:



Date of Expiry:

8th May 2026