

CERTIFICATE OF COMPLIANCE NZTA T 12:2012

Applicator: 2022 Graco LineLazer
200MMA 1:1 Type LC
Long Life Applicator

Owner: Fulton Hogan Ltd,
Dunedin
11 Main Rd, Fairfield
Dunedin
9018



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 T/12:2012 and Fulton Hogan Ltd Technical Specifications.**

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

- 1) Application of Spray Plastic to Schedule A Plain Flat Markings,

Test Identification: The tests were carried out at the Forsyth Stadium, Dunedin on the 28 & 29th of May 2024.
The Applicator Chassis Number is: G21B17Y513000181
The material used for the tests was:
Damar CAP Spray Parts A & B and Potters Pristine AC-07 Drop-on Glass Beads (AS/NZS 2009).

Equipment Tested:

2 x paint pumps	Graco	496214 A & B
2 component paint gun	Graco	N/A
Bead Gun	Graco	N/A
Compressor	FARC – S15	496214
Speedometer	Skipline uST-20	496214

Applicator Speeds (kph):

Schedule	Line Width		
	100mm	150mm	200mm
A	2.1	1.6	1.2

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Schedule A

Flat Spray Cold Applied Plastic in accordance with Fulton Hogan, Dunedin Technical Specification, 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 P30:2009 Specification for High Performance Roadmaking's and NZTA T12:2013 Specification for Long-Life Pavement Marking Material Applicator Testing.

The values specified in Fulton Hogan Dunedin's Technical Specs, 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 1.0m or less $\pm 50\text{mm}$

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. (150 mm)

Flat Spray Cold Applied Plastic.

Dry film thickness (DFT) of $625 \mu\text{m} \pm 20\%$.

Retroreflectivity.

AS/NZS 2009 Class B (drop-on) glass beads applied uniformly at a minimum rate of $275\text{gm}/\text{m}^2$.

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

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

Day Time Visibility.

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

Colour.

White; a discolouration of not more than 4/5 from colour Y35 of AS2007S

Skid Resistance.

45 BPN or greater for roadmaking's with a dry film thickness of less 0.9 mm.



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Registration Details: [NZRF Stamp & Unique Number]

5885



Initial Certificate Issuing Officer: Bruce Belton
Mark Roads Ltd

Testing Officer: Bruce Belton
Mark Roads Ltd

Signed:

A handwritten signature in black ink, appearing to be 'BB'.

Date of Expiry: 29th May 2025

