

CERTIFICATE OF COMPLIANCE NZTA T 12:2012

Applicator: 2019 Graco DC 250
Type LB CAP Sprayer
Chassis number
BA116/L14A

Owner: Ross Roadmarkers Ltd,
31 Maurice RD
Penrose
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 T/12:2012.**

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

- 1) Application of Plain Flat Markings to Schedule A

Test Identification: The tests were carried out at the Ross Roadmarkers Site at Penrose on the 31st of March 2019.
The Applicator Chassis Number is BA116/L14A
The material used for both tests was:
Geveke Plastiroute Spotline nt-2C
Powers Pristine AC-07 Drop-on Glass Beads (AS/NZS 2009) for both Schedules.

Equipment Tested:

Speedometer	Novo Autoline 200	100045
Compressor	Arbuc	BA116
Paint Guns	Graco 2 Component	NA
Bead Guns	2 x Graco Shovel	NA
CAP Pumps	2 x Graco GH200	BA116

Applicator Speeds (kph):

Schedule	Line Width		
	100mm	150mm	200mm
A	3.6	2.6	2.1

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Schedule A

Flat Spray Cold Applied Plastic in accordance with Ross Roadmarkers 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 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

Line Width

All line widths; + 10 %, - 5 % of the specified value.

Flat spray cold applied plastic

Dry film thickness (DFT) of $450 \mu\text{m} \pm 75 \mu\text{m}$.

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

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

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 $150 \text{ mcd/m}^2/\text{lux}$.
2. Reflectivity (condition of wetness - RW): A minimum of $80 \text{ mcd/m}^2/\text{lux}$.

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: [NZRI Stamp & Unique Number]

5200

 The New Zealand
Roadmarkers
Federation Inc
PO Box 13 805, Auckland
Phone: (09) 625 7470

Initial Certificate

Issuing Officer: B J Belton
Mark Roads Ltd

Testing Officer: Bruce Belton
Mark Roads Ltd

Signed:

Date of Expiry: 3rd September 2021