

CERTIFICATE OF COMPLIANCE NZTA T 12:2013

Applicator: 2019 Type LB
Graco 2 Component Cold
Plastic Applicator

Owner: Ross Roadmarkers Ltd
31 Maurice Rd
Penrose
Auckland



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 certification was as follows;

- Application of Sprayed 2 component cold plastic to Schedule A Plain Flat Markings

Test Identification:

- The Chassis number of the tested unit is E19B17G589000137. The tests were carried out at the depot of Ross Roadmarkers Ltd on the 17th & 18th of September 2024.
- The materials used were Damar Spray Plastic and Potters R145 Pristine glass beads (AS/NZS 2009)

Equipment Tested:	CAP Pump	Graco Viscount I	E13J
	1:1 Proportional Pump	Graco	G13A
	Compressor	Gast PCA125	0316008526
	Bead Applicator	Graco Shovel	N/A
	Intermittent Line Devise	Graco/Skipline	E19B
	Speedometer	Skipline ANZ Autolog	E19B

Applicator Speeds:	100mm	150mm	200mm
Schedule A	2.2 km/hr	1.5 km/hr	1.0 km/hr

Special Notes:

SCHEDULE A

Flat Sprayed Cold 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 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 less than 3.0m but greater than 1.0m; $\pm 150\text{mm}$

Length of segment.

Where segment is shorter than 1.0m; $\pm 50\text{mm}$

Line width.

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

Spray Plastic Thickness.

Dry film thickness (DFT) of $450\mu \pm 75\mu$

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

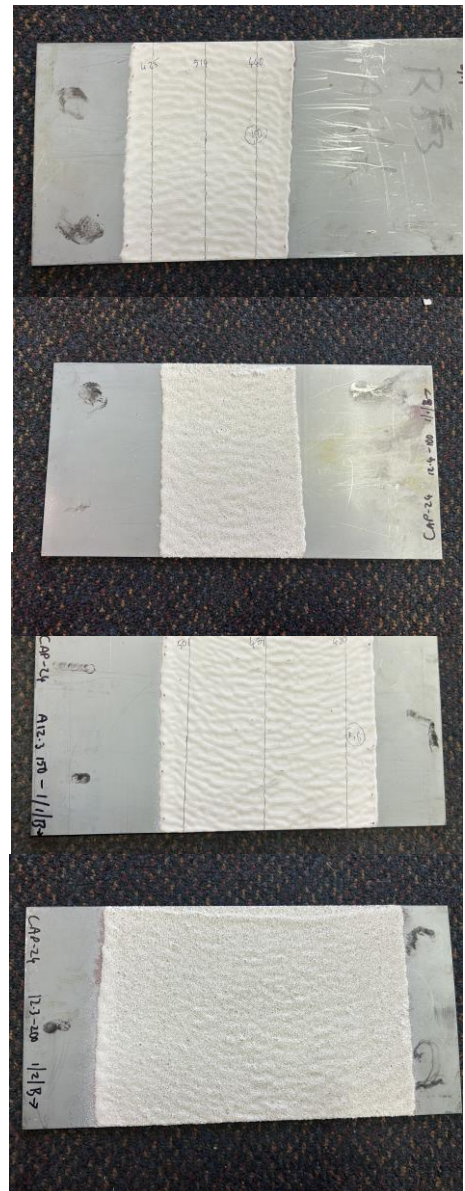
Colour.

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

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

Skid Resistance.

45 BPN or greater for roadmarkings with a dry film thickness less than 0.9 mm.



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Registration Details:

[NZRF Stamp & Unique Number]

6002



Initial Certificate Testing Officer:

Bruce Belton
Mark Roads Ltd

T/12 Testing Officer:

Bruce Belton
Mark Roads Ltd

Signed:

Bj Belton

Date of Expiry:

18th September 2025

Copied from the NZRF T12 Register