

CERTIFICATE OF COMPLIANCE NZTA T 12:2013

Applicator: 2010 Coastline Markers,
 Pedestrian Controlled, Type
 LB Cold Applied Plastic
 Applicator.

Owner: Fulton Hogan Ltd, T/A
 Coastline Markers
 P O Box 302-528
 North Harbour 0751



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 Plain Flat Cold Applied Plastic to Schedule One, Flat Spray Cold Applied Plastic in accordance with Coastline Markers Technical Specification, NZTA P30:2008 and NZTA T12:2013

Test Identification:

- The Chassis number of the tested unit is CAPB0001
- The tests were carried out at the Coastline Markers Albany depot on the 5th August 2021
- The materials used for the tests were:
 Damar Spray Plastic Parts A & B
 Potters type C AC-07 adherence promoting coated drop-on glass beads

Equipment Tested:	CAP Spray Gun	Larius Two	CAPB001
		Component	
	CAP Pump	Graco Viscount 1:1	CAPB001
	CAP Dosing Unit	Kadcam	CAPB001
	Structure Spindle	Kadcam	CAPB001
	Bead Applicator	Handock	CAPB001
	Compressor	Campbell Hausfeld	VT470000AJ
	Speedometer	Autoline 2000	CAPB001

Applicator Speeds:	100mm	150mm	200mm
Schedule One	2.16 km/h	1.44 km/h	1.46 km/h

Flat Spray Cold Applied Plastic in accordance with Coastline Markers 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 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 (150 mm)

Flat Spray Cold Applied Plastic.

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

Retroreflectivity.

AS/NZS 2009 Class B (drop-on) glass beads applied uniformly at a minimum rate of $500\text{gm}/\text{m}^2$.

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 roadmarkings with a dry film thickness of less than 0.9 mm



CERTIFICATE OF COMPLIANCE **NZTA T 12:2013**
[NZRF Stamp & Unique Number]

Registration Details:

5415



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:

20th August 2022

Copied from T 12 Register