

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 Coastline Markers depot in Albany on the 17th and 18th of December 2019
 - The materials used for the tests were:
Damar Spray Plastic Parts A & B
Potters AC-07 adherence promoting coated drop-on glass beads

Equipment Tested	Component	Chassis Number
CAP Spray Gun	Larius Two	CAPB001
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	2.78 km/h	1.99 km/h	1.86 km/h

SCHEDULE FOUR

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 $300\text{gm}/\text{m}^2$.
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



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Registration Details:

[NZRF Stamp & Unique Number]

5092



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:

18th of December 2020

From NZRF T 12 Register