

## CERTIFICATE OF COMPLIANCE NZTA T 12:2013

**Applicator:** 2015 Hofmann H18-1, JJZ509  
Operator Mounted, Type LA  
Cold Applied Plastic Applicator.

**Owner:** Spray Marks NZ Ltd  
10 Sherson Street, Gate Pa  
Tauranga

**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 Audio Tactile Markings to Schedule B, Cold Applied Plastic Audio Tactile, in accordance with NZTA M24:2006, NZTA P30:2008, NZTA T12:2013 and Spray Marks NZ Ltd Technical Specification.
- Application of Spotflex Cold Applied Plastic to Schedule D, Agglomerate Cold Applied Plastic, in accordance with NZTA P30:2008, NZTA T12:2013 and Spray Marks NZ Ltd Technical Specification.

**Test Identification:**

- The Chassis number of the tested unit is 192/0122
- The tests were carried out at Spray Marks NZ Ltd depot at 22 Wilrose Place, Gate Pa, Tauranga on the 27 July 2022.
- The materials used for the tests were: Damar CAP Structure/ATP Two Component Cold Applied Plastic and Geveko B-HR Silane Coated Drop On glass beads.

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<b>Equipment Tested:</b>	Spotflex Applicator	Hofmann	192/0122
	Screed Box	Hofmann	JJZ509-150
	Glass Bead Gun	Hofmann	JJZ509-20B
	Speedometer	Hofmann	JJZ509-5102
	Compressor	BOGE	JJZ509-SK36

<b>Applicator Speeds:</b>	<b>100mm</b>	<b>150mm</b>	<b>200mm</b>
<b>Schedule B</b>		2.2 km/h	
<b>Schedule D</b>		3.0 km/h	

Copied from NZRF T12 Register

**SCHEDULE B**

**Cold Applied Plastic Audio Tactile, in accordance with NZTA M24:2006, NZTA P30:2008, NZTA T12:2013 and Spray Marks NZ Ltd Technical Specification**

The markings when applied to flat electro-galvanised steel plates met all dimension and performance requirements as specified in;  
NZTA M24:2006 Specification for Audio Tactile Profiled Roadmarkings, (alternative dimensional tolerances)  
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 M24:2006, NZTA P30:2009, NZTA T12:2013 used for determination of compliance were as follows:

**Raised blocks.**

Block height; + 15 %, - 5 % of the specified value. (9 mm)  
Block width; + 10 %, - 5 % of the specified value (150mm)  
Block length; + 30 %, - 20 % of the specified value (50mm)  
Block pitch; + 5 %, - 5 % of the specified value. (250mm)

**Retroreflectivity.**

AS/NZS 2009 Class B (drop-on) glass beads applied uniformly at a minimum rate of 375gm/m<sup>2</sup>.  
Dry retroreflectivity; a minimum of 150 mcd/m<sup>2</sup>/lux.  
Wet retroreflectivity; a minimum of 80 mcd/m<sup>2</sup>/lux

**Day Time Visibility.**

Minimum Qd of 100 mcd/m<sup>2</sup>/lux

**Colour.**

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

**Skid Resistance.**

N/A



**SCHEDULE D**

**Spotflex Cold Applied Plastic, in accordance with NZTA P30:2008, NZTA T12:2013 and Spray Marks NZ Ltd Technical Specification.**

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:

**Line width.**

All line widths; + 10 %, – 5 % of the specified value. (150 mm)

**Spotflex Cold Applied Plastic.**

1. Material application rate of  $2.4\text{kg/m}^2 \pm 10\%$
2. A coverage between 55% and 75%, and
3. Line appearing continuous when sitting in a passenger car.

**Retroreflectivity.**

AS/NZS 2009 Class B (drop-on) glass beads applied uniformly at a minimum rate of  $375\text{gm/m}^2$ .

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

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

**Day Time Visibility.**

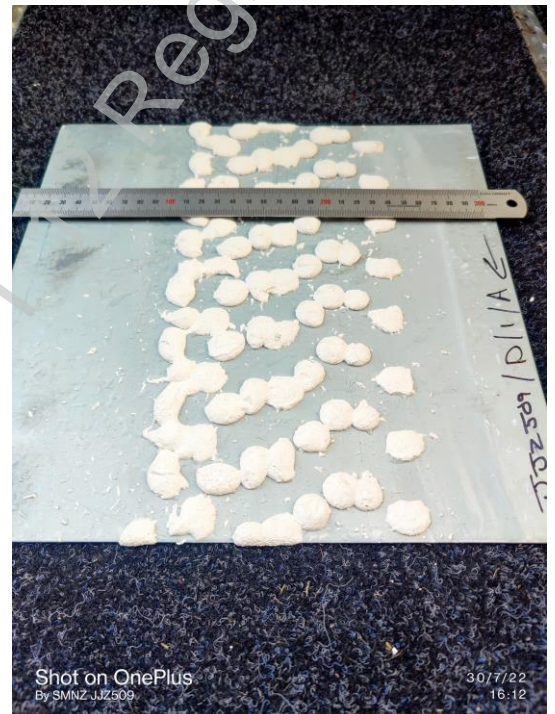
Minimum Qd of  $100\text{mcd/m}^2/\text{lux}$

**Colour.**

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

**Skid Resistance.**

Greater than 50BPN but less than 65 BPM for markings with a dry film thickness of less than .9mm





**CERTIFICATE OF COMPLIANCE NZTA T 12:2013**



**Registration Details:**

[NZRF Stamp & Unique Number]

5518



**Initial Certificate Testing Officer:**

**R J Ridings**  
Quality Surveillance Ltd

**T/12 Testing Officer:**

**Gareth Noble**  
Roadlinz Group Ltd

**Signed:**

**Date of Expiry:**

**27<sup>th</sup> of July 2023**