

## CERTIFICATE OF COMPLIANCE NZTA T 12:2013

**Applicator:** 2025 Hofmann H33-4, Type  
LA Thermo-Plastic Applicator,  
Registration # D1BWY

**Owner:** InLine Group Ltd,  
P O Box 834  
Gisborne 4040



**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;

- Schedule B; Application of Audio Tactile Profile Markings with Thermo-Plastic in accordance with Hofmann Technical Specification, NZTA M24:2006, NZTA P30:2008 and NZTA T12:2013
- Schedule C; Application of Agglomerate/Structured Markings with Thermo-Plastic in accordance with Hofmann Technical Specification NZTA P30:2008 and NZTA T12:2013

**Test Identification:**

- The Registration plate of the tested unit is D1BWY and the Chassis number is 175A0259
- The tests were carried out at a commercial premise on Lowe St Gisborne on the 3<sup>rd</sup> of August 2025.
- The materials used for both tests were Ennis Flint Premium Thermoplastic Roadmarking Compound and Potters AC-07 adherence promoting coated glass beads.

<b>Equipment Tested:</b>	Extruder Head	Hofmann – 97 06 798	175A0259
	Extruder Profile Roller	Hofmann – 91 62 850	175A0259
	Bead Applicator	Hofmann – 97 03 710	175A0259
	Compressor	EVO6-NK – 97 06 701	175A0259
	Intermittent Line Devise	Malcon4 Firma Hofmann	175A0259
	& Speedometer	GmbH	

<b>Applicator Speeds:</b>	<b>100mm</b>	<b>150mm</b>	<b>200mm</b>
<b>Schedule B</b>		2.0 km/h	
<b>Schedule C</b>		2.5 km/h	

**Special Notes:** 1. The applicator is not capable of applying turn arrows.

**SCHEDULE B**

**Application of Audio Tactile Profile Markings with Thermo-Plastic in accordance with Hofmann Technical Specification, NZTA M24:2006, 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 M24:2006 Specification for Audio Tactile Profiled Roadmarkings,  
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 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;  $\pm 50\text{mm}$

**Raised blocks.**

Block height; + 15 %, - 5 % of the specified value.  
(9 mm)  
Block width; + 30 %, - 20 % 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 275gm/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  
Yellow; a discolouration of not more than 4/5 from colour Y13 – Y14 of AS2007S

**Skid Resistance.**

50 BPN or greater for roadmarkings with a dry film thickness of 0.9 mm or greater

## SCHEDULE C

### **Application of Agglomerate/Structured Markings with Thermo-Plastic in accordance with Hofmann 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)

#### **Structured (Agglomerate) Cold Applied Plastic.**

- 1 Minimum material application rate of  $3\text{kg/m}^2$
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  $275\text{gm/m}^2$ .  
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  
Yellow; a discolouration of not more than 4/5 from colour Y13 – Y14 of AS2007S

#### **Skid Resistance.**

50 BPN or greater for roadmarkings with a dry film thickness of 0.9 mm or greater



## CERTIFICATE OF COMPLIANCE NZTA T 12:2013

**Registration Details:**

[NZRF Stamp & Unique Number]

6127



**Initial Certificate Testing Officer:**

Bruce Belton  
Mark Roads Ltd

**T/12 Testing Officer:**

Bruce Belton  
Mark Roads Ltd

**Signed:**

*Bj Belton*

**Date of Expiry:**

3<sup>rd</sup> August 2026

