NZ TRANSPORT AGENCY
WAKA KOTAHI

# 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

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**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 Stanley St Gisborne on the 30th of July 2026.
- The materials used for both tests were Geveko Profile Thermoplastic Roadmarking Material and Potters AC-07 adherence promoting coated glass beads.

**Equipment Tested:** D1BWY-2608

| | | |
|---|---|---|
| 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 & Speedometer | Malcon4 Firma Hofmann GmbH | *175A0259* |

The New Zealand Roadmarkers Federation Inc

**Applicator Speeds:**

| | **100mm** | **150mm** | **200mm** |
|---|---|---|---|
| **Schedule B** | | 2.4 km/h | |
| **Schedule C** | | 2.3 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: ± 300mm
Where gap is less than 3.0m but greater than 1.0m; ± 150mm
Where gap is less than 1.0m: ± 50mm


**Length of segment**.
Where segment is longer than 5.0m; ± 150mm
Where segment is shorter than 5.0m but longer than 1.0m; ± 75mm
Where segment is shorter than 1.0m; ± 50mm

**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/m².
Dry retroreflectivity; a minimum of 150 mcd/m²/lux.
Wet retroreflectivity; a minimum of 80 mcd/m²/lux


**Day Time Visibility**.
Minimum Qd of 100 mcd/m²/lux

**Colour**.
White; a discolouration of not more than 4/5 from colour Y35 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**
**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: ± 300mm
Where gap is less than 3.0m but greater than 1.0m; ± 150mm
Where gap is less than 1.0m: ± 50mm

**Length of segment**.
Where segment is longer than 5.0m; ± 150mm
Where segment is shorter than 5.0m but longer than 1.0m; ± 75mm
Where segment is shorter than 1.0m; ± 50mm

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

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

1 Minimum material application rate of 3kg/m²
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 275gm/m².
Dry retroreflectivity; a minimum of 150 mcd/m²/lux.
Wet retroreflectivity; a minimum of 80 mcd/m²/lux

**Day Time Visibility**.
Minimum Qd of 100 mcd/m²/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

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**Registration Details**: [NZRF Stamp & Unique Number]

D1BWY-2608

The New Zealand Roadmarkers Federation Inc

**Initial Certificate Testing Officer**: Bruce Belton
Mark Roads Ltd

**T/12 Testing Officer**: Bruce Belton
Mark Roads Ltd

**Signed**: *BjBelton*

**Date of Expiry**: **30th July 2027**