

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 3rd 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.

Equipment Tested: 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

Applicator Speeds: 100mm 150mm 200mm

Schedule B 2.0 km/h Schedule C 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 300mm

Where gap is less than 3.0m but greater than 1.0m; \pm

150mm

Where gap is less than 1.0m: \pm 50mm

Length of segment.

Where segment is longer than 5.0m; \pm 150mm

Where segment is shorter than 5.0m but longer than 1.0m; \pm 75mm

Where segment is shorter than 1.0m; \pm 50mm

Raised blocks.

Block height; +15%, -5% of the specified value.

(9 mm)

Block width; +30%, -20% of the specified value

(150 mm)

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

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 300mm

Where gap is less than 3.0m but greater than 1.0m; \pm 150mm

Where gap is less than 1.0m: \pm 50mm

Length of segment.

Where segment is longer than 5.0m; \pm 150mm

Where segment is shorter than 5.0m but longer than 1.0m; \pm

Where segment is shorter than 1.0m; \pm 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.

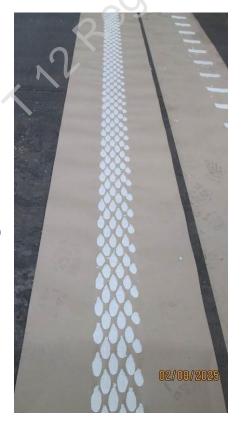
Minimum Qd of 100 mcd/m²/lux

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





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: BjBelton

Date of Expiry: 3rd August 2026

