

Applicator: 2015 Hofmann H18-1, B2ELP
Operator Mounted, Type LA
Cold Applied Plastic Applicator.

Owner: Spray Marks NZ Ltd
22 Wilrose Place, 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 192/0134
- The tests were carried out at Spray Marks NZ Ltd depot at 22 Wilrose Place, Gate Pa, Tauranga on the 25th September 2023.
- 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.

CERTIFICATE OF COMPLIANCE NZTA T 12:2013

| | | | |
|--------------------------|----------------|---------|-----------|
| Equipment Tested: | CAP Doser Unit | Hofmann | 718/0035 |
| | Spotflex Unit | Hofmann | 192/0134 |
| | Screed Box | Hofmann | B2ELP-150 |
| | Glass Bead Gun | Hofmann | B2ELP-20B |
| | Computer | Hofmann | 5233 |
| | Compressor | BOGE | 5087422 |

| | | | |
|---------------------------|--------------|--------------|--------------|
| Applicator Speeds: | 100mm | 150mm | 200mm |
| Schedule B | | 1.9 km/h | |
| Schedule D | | 2.8 Km/h | |

Copied from NZRFT 12 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/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.

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 375gm/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





Registration Details:

[NZRF Stamp & Unique Number]

5791



Initial Certificate Testing Officer:

Alister Harlow
NZRF

T/12 Testing Officer:

Gareth Noble
Roadlinz Group Ltd

Signed:

Date of Expiry:

25th September 2024