

CERTIFICATE OF COMPLIANCE NZTA T/12:2013

Applicator: 2016 Hofmann H18-1
Cold Applied Plastic Striper
NZTA registration number B2ELP

Applicator Type: LA CAP

Owner: Spray Marks NZ Ltd,
PO Box 980
Tauranga

Test Description: **The pavement marking applicator as described by this certificate has been tested under the conditions described and found to comply with the relevant requirements of TNZ Specification NZTA T/12:2013.**

Test Conditions: The scope of the Certification was as follows:
1: Application of Audiotactile Cold Applied Plastic Markings in accordance with Spray Marks Technical Specification, NZTA M/24:2006, NZTA P30:2008 and NZTA T12:2013.
2: Application of Agglomerate Cold Applied Plastic Markings (Spotflex) in accordance with Hofmann Technical Specification, NZTA P30:2008 and NZTA T12:2013

Test Identification: The tests were carried on ATP Contract Site and at Spray Marks Ltd Depot, 10 Sherson Street, Greerton, Tauranga. May 24th and May 30th 2021.
The Applicator Chassis Number is H18-1 192/0134
The Applicator registration number is B2ELP
The test materials that were used for all schedules:

- Damar Structure/ATP CAP
- Potters Pristine AC-07 Drop-on glass beads (AS/NZS 2009)

Equipment Tested:

Spotflex Extruder	Hofmann	192/0134
CAP Box 205mm	Hofmann	192/0134/205
Bead Applicator	Hofmann	20B
Compressor	Fusheng TA80	EA7170906
Speedometer	MALCON	1511AB037
Intermittent Line Device	MALCON	115AB037

Applicator Speeds (kph):

Schedule	Line Width		
	100mm	150mm	200mm
B			2.3 km/h
C		3.9 km/h	

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

Schedule B

Cold Applied Plastic Audio Tactile Markings, in Accordance with Spray Marks Technical Specification, NZTA M24: 2006, NZTA P/30:2008 and T/12:2013

The markings when applied to flat electro-galvanised steel plates meet all dimension and performance requirements as specified in:
NZTA M24: 2006 Specification for Audio Tactile Profiled Roadmarkings,
NZTA P30:2008 Specification for High Performance Roadmarkings and
NZTA T/12:2013 Specification for Long-Life Pavement Marking Material Applicator Testing.

The values specified in NZTA M/24 2006, NZTA P/30 2008 and NZTA T/12:2013 used for determination of compliance were as follows.

Raised Blocks

Block pitch +5% - 5% of specified value (250mm and 500mm)
Block length +30% - 20% of specified value (50mm)
Block width +30% - 20% of specified value (200mm)
Block height -5% +15% of specified value (9.0mm)

Retroreflectivity

AS/NZS 2009 Type B (drop-on) glass beads applied uniformly at a nominal rate of 275 grams/m²
Reflectivity (dry – R): A minimum of 150 mcd/m² /lux.
Reflectivity (condition of wetness – RW): A minimum of 80 mcd/m² /lux.

Skid Resistance

No. Applicable



Schedule C

Structured Cold Applied Plastic Markings in Accordance with Hofmann Technical Specification, NZTA P30:2008, and NZTA T12:2013

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 1.0m or less $\pm 50\text{mm}$

Length of Segments.

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 1.0m or shorter $\pm 50\text{mm}$

Line Width

All line widths $+10\% - 5\%$ of the specified value. (150mm)

Structured (Agglomerate) Cold Applied Plastic.

1: Material application rate of $2.8 \pm 0.2 \text{ kg/m}^2$

2: A coverage of between 55% and 75%

3: Line appears continuous when sitting in a passenger car.

Retroreflectivity.

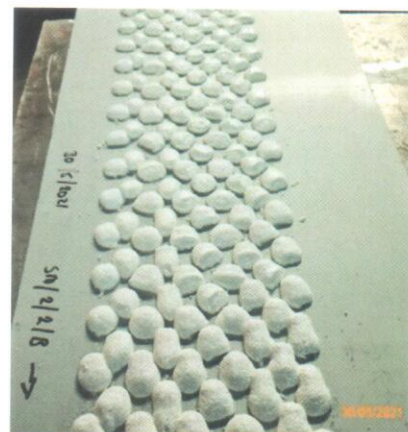
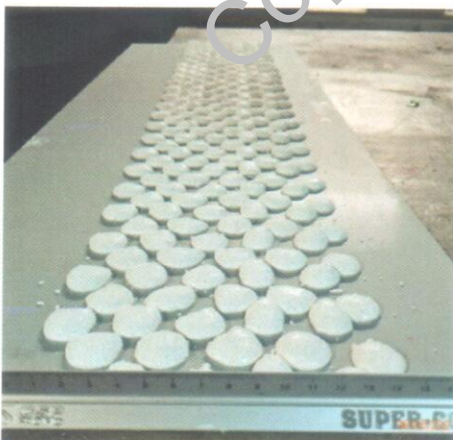
AS/NZS 2009 Type B (drop-on) glass beads applied uniformly at a nominal rate of 275 grams/m²

Reflectivity (dry – R): A minimum of 150 mcd/m²/lux.

Reflectivity (condition of wetness – RW): A minimum of 80 mcd/m²/lux.

Skid Resistance.

50 BPN but less than 65 BPN 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}

5324

Initial Certificate

Issuing Officer: Alister Harlow
New Zealand Roadmarkers Federation

Testing Officer: P Del Favero
Downer NZ Ltd

Signed:

Date of Expiry: 30th May 2022