

CERTIFICATE OF COMPLIANCE
NZTA T 12:2012

Applicator: 2015 Hofmann H18-1
Type LA CAP Striper,
Registration number
JJZ509



Owner: Ross Roadmarkers Ltd,
31 Maurice RD
Penrose
Auckland

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 TNZ T/12:2012.

Test Conditions: The scope of the Certification was as follows:

- 1) Application of ATP to Schedule B Audio Tactile Markings,
- 2) Application of Agglomerate Cold Applied Plastic to Schedule C, Agglomerate Cold Applied Plastic in Accordance with Ross Roadmarkers Technical Specification, NZTA P 30:2008 and NZTA T 12:2012.

Test Identification: The tests were carried out at the Ross Roadmarkers Site at Penrose on the 31st of March 2019.
The Applicator Chassis Number is H18-1 192/0122
The material used for both tests was:
Gevoko Plastiroute Spotline nt-2C
Potter's Pristine AC-07 Drop-on Glass Beads (AS/NZS 2009) for both Schedules.

Equipment Tested:

CAP Feed pump	Hofmann	192/0122
CAP ATP Extrusion	Hofmann	192/0122
CAP Spotflex Unit	Hofmann	192/0122
Compressor	Boge SK36	5084445
Speedometer	MALCOM 4	AMAKOS
Bead Guns	Hofmann Double Head	

Applicator Speeds (kph):

Schedule	Line Width		
	100mm	150mm	200mm
B		2.5	
C1		3.3	

CERTIFICATE OF COMPLIANCE NZTA T 12:2012

Schedule B

Cold Applied Plastic Audio-Tactile tested at 250 and 500 pitch in Accordance with Ross Roadmarkers Technical Specification, NZTA P 24, NZTA P 30:2008, and NZTA T 12:2012

The markings when applied to flat electro-galvanised steel plates met all dimension and performance requirements as specified in NZTA M 24:2006 Specification for Audio Tactile Profiled Roadmarkings, NZTA P 30:2008 Specification for High Performance Roadmarkings and NZTA T 12:2013 Specification for Long-Life Pavement Marking Material Application Testing.

The values specified in NZTA M 24, NZTA P 30 and NZTA T 12 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 $\pm 150\text{mm}$

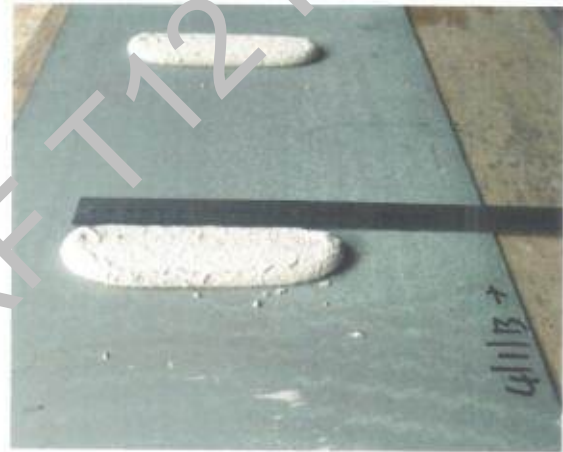
Where gap is 1.0m or less $\pm 50\text{mm}$

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 $\pm 50\text{mm}$



Raised Blocks

Spacing between blocks $+5\%$ -5% of specified value (250mm)

Spacing between blocks $+5\%$ -5% of specified value (500mm)

Length of block $+30\%$ -20% of specified value (50mm)

Width of block $+10\%$ -6% of specified value (150mm)

Block height $+15\%$ -5% of specified value (9.0mm)

Retroreflectivity

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

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

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

Ski / Resistance

Not Applicable

CERTIFICATE OF COMPLIANCE NZTA T 12:2012

Schedule C

Agglomerate Flat Cold Applied Plastic in Accordance with Ross Roadmarkers Technical Specification, NZTA P 30:2008, and NZTA T 12:2003

The markings when applied to flat electro-galvanised steel plates met all dimension and performance requirements as specified in NZTA P 30: 2008 Specification for High Performance Roadmarkings.

The values specified in NZTA P 30:2008 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 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 $\pm 50\text{mm}$

Cold Applied Plastic Line Width

All line widths $+10\% - 5\%$

Agglomerate Cold Applied Plastic

Material application rate of $2.5 \pm 0.2 \text{ kg/m}^2$, with coverage between 55 and 75%, and 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 grams/m²

1. Reflectivity (dry - R): A minimum of 150 mcd/m²/lux.
2. Reflectivity (condition of wetness - RW): A minimum of 80 mcd/m²/lux.

Skid Resistance

Greater than 50 BPN but less than 65BPN



CERTIFICATE OF COMPLIANCE
NZTA T 12:2012



Registration Details: [NZRF Stamp & Unique Number]

4857

The New Zealand
Roadmarkers
Federation Inc
PO Box 13 805, Auckland
Phone: (09) 626 7470

Initial Certificate
Issuing Officer:

R J Ridings
Quality Surveillance Ltd

Testing Officer:

Bruce Belton
Mark Roads Ltd

Signed: 

Date of Expiry:

30th April 2020