

# DECLARATION OF PERFORMANCE

No / Nr 0958-CPR-1037/3

1.Unique identification code of the product type: **Continuous Variable Message Signs**

2.Intended use: **Variable Message Signs installed permanently for the instruction and guidance of Road users on public and private land, including tunnels.**

3.Manufacturer:

## ROTAPANEL®

Rotapanel International B.V., Plutoweg 2, 8938 AB Leeuwarden, THE NETHERLANDS

4. Authorised representative: TBD

5. System/s of AVCP: **System 1.**

6. Harmonized standard: **EN 12966-1:2005+A1:2009.**

**Notified Body (No. 0958) – SGS INTRON Certificatie B.V.,** has carried out an assessment of the performance of the construction product on the basis of tests (including sampling), calculations, tabular values or descriptive product documentation and pre-inspection of the manufacturing facility and the FPC, and continues to supervise and evaluate the FPC and issued the **Certificate of Constancy of Performance No. 0958-CPR-1037/3**

7. Declared performance:

Essential characteristics	EN12966-1 §	Characteristic	Method	Declared value/level/class
<b>Structural performance <sup>1)</sup></b>				
Resistance horizontal loads	8.3.2.1	Loads	EN 12899-1:2007: - Table 8 : Wind loads - Table 10 : Point loads - Table 9 : Snow loads	WL7 <sup>1)</sup> PL4 <sup>1)</sup> DSL0 <sup>1)</sup>
	8.3.2.2	Deflections	EN 12899-1:2007: - Table 11 : Bending - Table 12 : Torsion	TDB1 <sup>1)</sup> TDT0 <sup>1)</sup>
Impact resistance	8.3.4	Impact resistance	EN 12966-1+A1:2009 § 9.2.3: - Table 13 : EN 60598-1	Pass
<b>Visual performance <sup>2) 3)</sup></b>				
Chromaticity co-ordinates	1	Daylight chromaticity & luminance factor	EN 12899-1:2007: § 4.2 Micro prismatic	See remark <sup>2)</sup> and <sup>3)</sup>
Retro reflectivity		Coefficient of retro reflection	EN 12899-1:2007: § 4.2 Micro prismatic	See remark <sup>2)</sup> and <sup>3)</sup>
<b>Durability <sup>2) 3)</sup></b>				
Physical performance and optical performance	8.2	Environmental requirements	EN 12966-1+A1:2009 § 9.2.3: - Table 13 : impact test - Table 14 : vibration - Table 15 : corrosion - Table 16 : water penetration - Table 17 : dust penetration - Table 18 : temperature - Appearance and functionality	Pass Pass Pass IP-x5 (P2) IP-5x (P2) T1, T2, T3 Pass
	1	Daylight chromaticity & luminance factor	EN 12899-1:2007 § 4.2 Micro prismatic	See remark <sup>2)</sup> and <sup>3)</sup>
		Coefficient of retro reflection	EN 12899-1:2007 § 4.2 Micro prismatic	See remark <sup>2)</sup> and <sup>3)</sup>
Lift assessment		GRL 6.1.4	GRL 6.1.4	Positive
Dangerous substances	13	Dangerous substances	According to national regulations of member state of destination	No release
<b>Electrical</b>				
Electromagnetic compatibility		EMC	EN 61000-6-3 Generic Emission EN 61000-6-4 Generic Emission EN 61000-6-2 Generic Immunity	Pass Pass Pass
			EN 12966-1:2007: - Table 11 - Table 12	Pass Pass

<sup>1)</sup> Rotapanel PVMS is self-bearing up to 2,0m x 2,0m. A separate construction is needed for larger designs.

The performance of the product specified above is in conformity with the declared performance.

Test assessment of Rotapanel VMS preformed by SGS Intron, The Netherlands. Reference 072119/R20080053-1/LGr/LGr/NBe, <http://manualrotapanel.com/assets/intron.pdf>

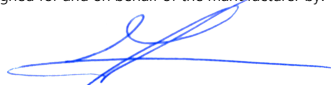
<sup>2)</sup> CE marked Avery Dennison micro prismatic retro reflective sheeting (T7500B white, yellow and blue) and overlays (OL2005SF blue, yellow, green, red, brown).  
For lettering CE marked Orafol sheeting (Oralite 5071 black).

<sup>3)</sup> Digitally printed 3M micro prismatic retro reflective sheeting's class (III) produced and supplied with CE mark.  
3M High Intensity Prismatic Series Class II 3930 White, overlay: Electro CUT Film: 1171 (yellow), 1172 (red), 1175 (blue), 1177 (green), 1178 (black), 3M Scotchcal 7725-31 Medium Grey (grey).

When requiring none or other retro reflective materials than described above, datasheets will be provided of their appropriate classes when applicable.

This declaration of performance is issued in accordance with the regulation (UE) no 305/2011 under the sole responsibility of the manufacturer/authorised representative specified above.

Signed for and on behalf of the manufacturer by:



Hendry Born Senior Applications Engineer - Plutoweg 2, 8938AB Leeuwarden, March 22<sup>nd</sup> 2023