

Certificate

of constancy of performance

Number: 1304-CPR-0021 A1

Project file: C20142485

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Product: VARIABLE MESSAGE SIGN

Type reference: TRS-XXXX, where "XXXX" can be any combination of alphanumerical characters

Trademark:



Manufacturer: DMV Industrijski kontrolni sistemi d.o.o.
Kraljevića Marka bb, RS-18000 Niš, Serbia

Place of manufacture: DMV Industrijski kontrolni sistemi d.o.o.
Kraljevića Marka bb, RS-18000 Niš, Serbia

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the

Standard: EN 12966-1:2005 + A1:2009

under System 1 are applied and that the product fulfills all the prescribed requirements set out above.

Test report: T223-0544/14


Notified body: SIQ - Slovenian Institute of Quality and Metrology
Tržaška cesta 2, SI-1000 Ljubljana, Slovenia

Identification number: 1304

This certificate was first issued on 2009-04-10 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Date: 2014-12-18

Authorized signature: Igor Likar



Only integral publication of this certificate is allowed. This certificate may only be reproduced in its entirety and without any changes. On request SIQ will give information about the validity of the certificate.

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Additional information:

Additional information – Essential characteristics:				
Essential characteristics	Clause of EN 12966-1	Characteristic	Method/Test	Declared values, levels and/or classes
Structural performance:				
Resistance to horizontal loads	8.3.2.1	Loads	EN 12899-1:2007 Table 13: Wind loads Table 15: Dynamic snow loads	T212-0065/10 Class WL9 Class DSL4
	8.3.2.2	Deflections	EN 12899-1:2007 Table 13: Bending Table 15: Torsion	T212-0065/10 Class TDB2 Class TDT0
Impact resistance	8.3.4	Impact resistance	Clause 9.2.3 of EN 12966-1:2005+A1 Table 13: EN 60598-1	T212-0273/08, T212-0277/08 T211-0573/14 Pass
Visibility characteristics:				
Chromaticity coordinates	7.2	Colour	Clause 7.2, EN 12966-1:2005+A1 CIE publication 15.2	See page 4 to 7
Retro reflectivity	Not applicable			
Optical performance	7.3	Luminance	Clause 9.3.2 of EN 12966-1:2005+A1	See page 4 to 7
	7.4	Luminance ratio	Clause 9.3.2 of EN 12966-1:2005+A1	See page 4 to 7
	7.5	Beam width	Clause 9.3.3 of EN 12966-1:2005+A1	See page 4 to 7
	7.6	Uniformity	Clause 9.3.4 of EN 12966-1:2005+A1	Pass
	7.7	Visible flicker	Clause 7.7 of EN 12966-1:2005+A1	Pass
Durability:				
Physical performance and optical performance	8.2	Environmental requirements	Clause 9.2.3 of EN 12966-1:2005+A1 Table 13: Impact test Table 14: Vibration test Table 15: Corrosion test Table 16: Water penetration test Table 17: Dust penetration test Table 18: Temperature test - Cold - Dry heat - Damp heat - Solar radiation - Change of temperature Table 7: Resistance to pollution	T211-0573/14, T212-0273/08 Pass Pass Pass Class P3 Class P3 Class T3 Class T1 Class T1, T2, T3 Pass Class T1, T2, T3 Class D3
	7.3	Luminance	Clause 9.3.2 of EN 12966-1:2005+A1	See page 4 to 7
	7.4	Luminance ratio	Clause 9.3.2 of EN 12966-1:2005+A1	See page 4 to 7
	7.5	Beam width	Clause 9.3.3 of EN 12966-1:2005+A1	See page 4 to 7
	7.6	Uniformity	Clause 9.3.4 of EN 12966-1:2005+A1	Pass
	7.7	Visible flicker	Clause 7.7 of EN 12966-1:2005+A1	Pass
	Dangerous substances	13	Dangerous substances	According to nat. regulation of member state of destination of products

Date: 2014-12-18

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