



Declaration of Performance



No.	CPR. CDT000-000161-1.10		
1	Unique identification	31A2dd-nnnnnn-u.rr	MSI-PB Prism Sign (PrismaBord)
2	Type batch serial number	31A2dd-nnnnnn-u.rr /xxxxxx	
3	Application	Mechanical Variable Message Sign	NEN-EN 12966-1 (Annex ZA) NEN-EN 12899-1 (Annex ZA)
4	Name, registered trade name	Brimos B.V.	Toldijk 21 7901 TA Hoogeveen The Netherlands
5	System of Assessment	SYSTEM 1	
6	Notified Body	SGS INTRON Certificatie B.V.	Venusstraat 2, NL-4100 AG, CULEMBORG The Netherlands
		NB 0958	
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7	Declaration of Performance			
Structural performance				
Resistance to horizontal loads	Loads	Wind	WL5	EN 12899-1:2007 Table 8
		Snow	DSL0	EN 12899-1:2007 Table 9
		Point Load	PL5	EN 12899-1:2007 Table 10
	Deflection	Bending	TDB2	EN 12899-1:2007 Table 11
		Torsion	TDT0	EN 12899-1:2007 Table 12
	Partial safety factors	Safety Factor	PAF2	EN 12899-1:2007 Table 6
		Partial Material Factor	1,15	EN 12899-1:2007 Table 7
Impact resistance	Resistance		Pass	EN 12996-1:TB13/60598-1
Visibility characteristics				
Chromaticity coordinates	Not applicable			
Retro reflectivity	See NEN-EN 12899-1	Brimos Certificate	Pass	Micro-prismatic: Avery T7500 (CL III MP)
Optical performance	Not applicable			
Durability (Physical performance and Optical performance)				
Environmental requirements	Impact		Pass	EN 12996-1:TB13/60598-1
	Vibration		Pass	EN 12996-1:TB14
	Corrosion		Pass	EN 12996-1:TB15
	Water penetration		IP-X5 ¹	EN 12996-1:TB16
	Dust penetration		IP-5X ¹	EN 12996-1:TB17
	Temperature Test		T2+T3	EN 12996-1:TB18
Retro reflectivity	See NEN-EN 12899-1	Brimos Certificate	Pass	Micro-prismatic: Avery T7500 (CL III MP)
Dangerous Substances	Dangerous Substances		Pass	CPD CEN list
EMC and Low Voltage Directive				
EMC			Pass	EN 50293
Low Voltage Directive			Pass	EN 60950
Particular conditions	The signaller has extra protection against environmental treats especial for outside environments. This model has an extended "design life" of 10+5 year. This is achieved by de-rating of the power supply and the use of high resistance materials (coating, stainless steel and neoprene) against elevated Salt levels, and light acid environments.			
8	The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.			
Signed for and on behalf of the manufacturer by:		Signature		
Name	J. van Giessen			
Function	Managing Director			
Place	Hoogetveen, Toldijk 21, 7901 TA, The Netherlands		Date	06-10-2022

¹ IP 65 for all external connectors