

**YDEEVNEDEKLARATION**

Nr.: SR 00007

1. Byggevaretype:	Faste lodrette trafikskilte
2. Byggevareidentifikation:	Lodret rørstander for skilte
3. Byggevarens tilsigtede anvendelse:	Eftergivelig rørstander til montage af lodrette trafikskilte.
4. Producentens Navn og adresse:	Saferoad Traffic A/S Hvidkærvej 33 5250 Odense SV
5. Systemerne til vurdering og kontrol af konstansen af byggevarens ydeevne:	1
6. Produktstandard:	EN 12899-1:2007 DS/EN 12767:2019
7. Notificeret Organ:	DBI Certification A/S, Jernholmen 12, DK-2650 Hvidovre nr.: 2531 har udført bestemmelse af varetype, type beregning, indledende og løbende overvågning af fabrikkens egen produktions kontrol (FPC) og udstedt EC Certifikat
8. EC Certifikat of Conformity:	2531-CPR-CSC10007

9. Deklareret ydeevne:



Type	Description																																		
Dimensions: 66 mm Moramast 110 mm Moramast 140 mm Moramast 166 mm Moramast	Resistance to horizontal loads:																																		
Material: Aluminium AA6063 T66, Anodizing 20 µm Nature	<table><tr><th rowspan="2">Moramast Signposts without steel rods</th><th colspan="2">Bending</th><th colspan="2">Torsion</th></tr><tr><th>Stiffness (EI)</th><th>Moment capacity bending (M_u)</th><th>Stiffness (GI)</th><th>Moment capacity torsion (T_u)</th></tr><tr><th>mm</th><th>kNm²</th><th>kNm</th><th>kNm²</th><th>kNm</th></tr><tr><td>66</td><td>50.3</td><td>3.3</td><td>6.9</td><td>3.0</td></tr><tr><td>110</td><td>133</td><td>6.4</td><td>70.3</td><td>5.2</td></tr><tr><td>140</td><td>291</td><td>11.0</td><td>156</td><td>8.8</td></tr><tr><td>166</td><td>543</td><td>17.5</td><td>304</td><td>14.9</td></tr></table>	Moramast Signposts without steel rods	Bending		Torsion		Stiffness (EI)	Moment capacity bending (M _u)	Stiffness (GI)	Moment capacity torsion (T _u)	mm	kNm ²	kNm	kNm ²	kNm	66	50.3	3.3	6.9	3.0	110	133	6.4	70.3	5.2	140	291	11.0	156	8.8	166	543	17.5	304	14.9
Moramast Signposts without steel rods	Bending		Torsion																																
	Stiffness (EI)	Moment capacity bending (M _u)	Stiffness (GI)	Moment capacity torsion (T _u)																															
mm	kNm ²	kNm	kNm ²	kNm																															
66	50.3	3.3	6.9	3.0																															
110	133	6.4	70.3	5.2																															
140	291	11.0	156	8.8																															
166	543	17.5	304	14.9																															
	Performance under vehicle impact: Passive safety for supports with maximum heights 5,57 m above ground level and maximum area of sign to be mounted 5,4 m ² on one support:																																		
	<table><tr><th>Moramast Signposts without steel rods</th><th>Speed class</th><th>Energy absorption category</th><th>Occupant safety level</th></tr><tr><th>mm</th><th></th><th></th><th></th></tr><tr><td>66</td><td>100</td><td>NE</td><td>2</td></tr><tr><td>110</td><td>100</td><td>NE</td><td>2</td></tr><tr><td>140</td><td>100</td><td>NE</td><td>2</td></tr><tr><td>166</td><td>100</td><td>NE</td><td>2</td></tr></table>	Moramast Signposts without steel rods	Speed class	Energy absorption category	Occupant safety level	mm				66	100	NE	2	110	100	NE	2	140	100	NE	2	166	100	NE	2										
Moramast Signposts without steel rods	Speed class	Energy absorption category	Occupant safety level																																
mm																																			
66	100	NE	2																																
110	100	NE	2																																
140	100	NE	2																																
166	100	NE	2																																
	Lower edge of sign plate shall be at least 2.0 m above ground unless otherwise evaluated.																																		
	Passive safety with maximum height more than 5.57 m above ground and no sign mounted:																																		
	<table><tr><th>Moramast Signposts without steel rods</th><th>Speed class</th><th>Energy absorption category</th><th>Occupant safety level</th></tr><tr><th>mm</th><th></th><th></th><th></th></tr><tr><td>66</td><td>NPD</td><td>NPD</td><td>NPD</td></tr><tr><td>110</td><td>NPD</td><td>NPD</td><td>NPD</td></tr><tr><td>140</td><td>NPD</td><td>NPD</td><td>NPD</td></tr><tr><td>166</td><td>NPD</td><td>NPD</td><td>NPD</td></tr></table>	Moramast Signposts without steel rods	Speed class	Energy absorption category	Occupant safety level	mm				66	NPD	NPD	NPD	110	NPD	NPD	NPD	140	NPD	NPD	NPD	166	NPD	NPD	NPD										
Moramast Signposts without steel rods	Speed class	Energy absorption category	Occupant safety level																																
mm																																			
66	NPD	NPD	NPD																																
110	NPD	NPD	NPD																																
140	NPD	NPD	NPD																																
166	NPD	NPD	NPD																																
	Durability:																																		
	<table><tr><td>Corrosion resistance (supports)</td><td>SP1</td></tr><tr><td>Metal</td><td></td></tr></table>	Corrosion resistance (supports)	SP1	Metal																															
Corrosion resistance (supports)	SP1																																		
Metal																																			
	<table><tr><td>Resistance to penetration of dust and water</td><td>Supports can not be provided with compartments for electrical equipment</td></tr></table>	Resistance to penetration of dust and water	Supports can not be provided with compartments for electrical equipment																																
Resistance to penetration of dust and water	Supports can not be provided with compartments for electrical equipment																																		

10. Underskrevet for fabrikanten og på dennes vegne af:

Ydeevnen for den vare, der er anført i punkt 1 og 2, er i overensstemmelse med den deklarerede ydeevne anført i punkt 9. Denne ydeevnedeklaration er udarbejdet i overensstemmelse med forordning (EU) nr. 305/2011 på eneansvar af den producent, der er anført i punkt 4.

Ydeevnen er underskrevet for og på vegne af producenten af:

Odense den. 11-06-2025

Klaus Jørgensen
Adm. direktør

Signed by:
Klaus Jørgensen
0EAA9156CEC54E0...