

**YDEEVNEDEKLARATION**

Nr.: SR 00007

1. Byggevareretype:	Faste lodrette trafikskilte
2. Byggevareridentifikation:	Lodret rørstander for skilte
3. Byggevarens tilsigtede anvendelse:	Eftergivelig rørstander til montage af lodrette trafikskilte.
4. Producentens Navn og adresse:	Saferoad Daluiso A/S Hvidkærvej 33 5250 Odense SV
5. Systemerne til vurdering og kontrol af konstanten af byggevarens ydeevne:	1
6. Produktstandard:	EN 12899-1:2007
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																																																																																						
<p>Dimensions: 66 mm Moramast 110 mm Moramast 140 mm Moramast 166 mm Moramast</p> <p>Material: Aluminium AA6063 T66, Anodizing 20 µm Nature</p>	<p>Resistance to horizontal loads:</p> <table border="1"> <thead> <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_b)</th> <th>Stiffness (GI)</th> <th>Moment capacity torsion (T_b)</th> </tr> </thead> <tbody> <tr> <td>mm</td> <td>kNm²</td> <td>kNm</td> <td>kNm²</td> <td>kNm</td> </tr> <tr> <td>66</td> <td>25,2</td> <td>2,2</td> <td>16,9</td> <td>2,0</td> </tr> <tr> <td>110</td> <td>133</td> <td>6,4</td> <td>70,3</td> <td>5,1</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> </tbody> </table> <p>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 m² on one support:</p> <table border="1"> <thead> <tr> <th>Moramast Signposts without steel rods</th> <th>Speed class</th> <th>Energy absorption category</th> <th>Occupant safety level</th> </tr> </thead> <tbody> <tr> <td>mm</td> <td></td> <td></td> <td></td> </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> </tbody> </table> <p>Lower edge of sign plate shall be at least 2.0 m above ground unless otherwise evaluated.</p> <p>Passive safety with maximum height more that 5.57 m above ground and no sign mounted:</p> <table border="1"> <thead> <tr> <th>Moramast Signposts without steel rods</th> <th>Speed class</th> <th>Energy absorption category</th> <th>Occupant safety level</th> </tr> </thead> <tbody> <tr> <td>mm</td> <td></td> <td></td> <td></td> </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> </tbody> </table> <p>Durability:</p> <table border="1"> <tr> <td>Corrosion resistance (supports) Metal</td> <td>SP1</td> </tr> <tr> <td>Resistance to penetration of dust and water</td> <td>Supports can not be provided with compartments for electrical equipment</td> </tr> </table>	Moramast Signposts without steel rods	Bending		Torsion		Stiffness (EI)	Moment capacity bending (M _b)	Stiffness (GI)	Moment capacity torsion (T _b)	mm	kNm ²	kNm	kNm ²	kNm	66	25,2	2,2	16,9	2,0	110	133	6,4	70,3	5,1	140	291	11,0	156	8,8	166	543	17,5	304	14,9	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	NPD	NPD	NPD	110	NPD	NPD	NPD	140	NPD	NPD	NPD	166	NPD	NPD	NPD	Corrosion resistance (supports) Metal	SP1	Resistance to penetration of dust and water	Supports can not be provided with compartments for electrical equipment
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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. 30-11-2017


Morten Kirchhoff Lund
Quality and LEAN Manager