

YDEEVNEDEKLARATION

Nr.: SR 00007

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| 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 konstanten 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 fabrikens 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 Material: Aluminium AA6063 T66, Anodizing 20 µm Nature | Resistance to horizontal loads: <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_t)</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>57.3</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> </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> </table> <table border="1"> <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 _t) | mm | kNm ² | kNm | kNm ² | kNm | 66 | 57.3 | 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 | 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 |
| Moramast Signposts without steel rods | Bending | | Torsion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Stiffness (EI) | Moment capacity bending (M _b) | Stiffness (GI) | Moment capacity torsion (T _t) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| mm | kNm ² | kNm | kNm ² | kNm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66 | 57.3 | 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 | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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. 12-12-2024

Mads Norman

Adm. direktør