

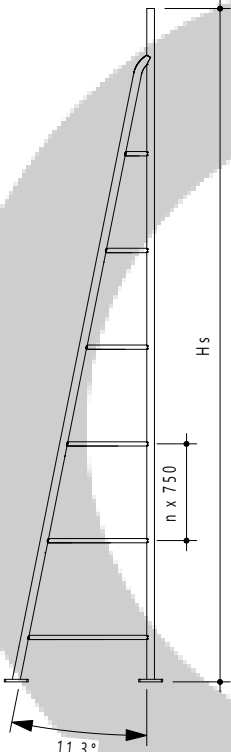
YDEEVNEDEKLARATION nr. IG10034

- | | |
|--|---|
| 1. Byggevaretype: | Faste lodrette trafikskilte |
| 2. Byggevareidentifikation: | Gitterstandere |
| 3. Byggevarens tilsigtede anvendelse: | Gitterstandere til montage af færdselstavler |
| 4. Fabrikantens navn og adresse: | INFRA GROUP DANMARK ApS
Højgårdsvej 11
5750 Ringe |
| 5. Navn og kontaktadresse på den bemyndigede repræsentant: | Ikke relevant |
| 6. Systemet eller systemerne til vurdering og kontrol af konstansen af byggevarens ydeevne (AVCP): | System 1 |
| 7. Harmoniseret standard:
Notificeret organ: | EN 12899-1:2007
DBI Certification A/S, Notified Body no. 2531 har udført og udfører indledende inspektion af fabriksanlæg og egen produktionskontrol, samt kontinuerlig overvågning, vurdering og evaluering af fabrikkens egenkontrol (FPC) efter system 1. |
| 8. Certifikat of Conformity: | 2531-CPR-CSC10034 |

9. Deklareret ydeevne:

Annex 1

EXTENT

Type	Description																																																																																																																																																																																																																																																																								
Dimensions: Ø33,7x 3,6 Ø60,3 x 3,6 Material: Steel S235 JR Hot dip galvanized coating, according to EN 1461. Princip drawing 	Resistance to horizontal loads, bending, torsion:																																																																																																																																																																																																																																																																								
	<table><tr><th>Height of support. Hs</th><th>Max height of sign. h</th><th>Max width of sign with use of min. two supports. w</th><th>Temporary deflection.</th><th>Min. stiffness for bending. E*I</th></tr><tr><th>m</th><th>m</th><th>m</th><th>Class</th><th>10³ kN/m²</th></tr><tr><td>4,20</td><td>1,75</td><td>7,00</td><td>TDB1</td><td>7,26</td></tr><tr><td>4,20</td><td>2,00</td><td>7,00</td><td>TDB2</td><td>6,21</td></tr><tr><td>5,20</td><td>1,75</td><td>7,00</td><td>TDB1</td><td>11,53</td></tr><tr><td>5,20</td><td>2,75</td><td>7,00</td><td>TDB2</td><td>6,58</td></tr><tr><td>5,20</td><td>3,00</td><td>6,75</td><td>TDB3</td><td>4,80</td></tr><tr><td>6,20</td><td>1,25</td><td>7,00</td><td>TDB1</td><td>22,81</td></tr><tr><td>6,20</td><td>2,50</td><td>7,00</td><td>TDB2</td><td>11,02</td></tr><tr><td>6,20</td><td>2,75</td><td>6,00</td><td>TDB2</td><td>9,78</td></tr><tr><td>6,20</td><td>3,00</td><td>5,50</td><td>TDB2</td><td>8,73</td></tr><tr><td>6,20</td><td>3,25</td><td>5,00</td><td>TDB2</td><td>7,85</td></tr><tr><td>6,20</td><td>3,50</td><td>4,75</td><td>TDB3</td><td>7,08</td></tr><tr><td>6,20</td><td>3,75</td><td>4,50</td><td>TDB3</td><td>6,43</td></tr><tr><td>6,20</td><td>4,00</td><td>4,25</td><td>TDB3</td><td>5,87</td></tr><tr><td>7,20</td><td>1,50</td><td>7,00</td><td>TDB1</td><td>26,27</td></tr><tr><td>7,20</td><td>2,25</td><td>7,00</td><td>TDB2</td><td>17,41</td></tr><tr><td>7,20</td><td>2,50</td><td>6,25</td><td>TDB2</td><td>15,37</td></tr><tr><td>7,20</td><td>2,75</td><td>5,50</td><td>TDB2</td><td>13,59</td></tr><tr><td>7,20</td><td>3,00</td><td>5,00</td><td>TDB3</td><td>12,13</td></tr><tr><td>7,20</td><td>3,25</td><td>4,50</td><td>TDB3</td><td>10,93</td></tr><tr><td>7,20</td><td>3,50</td><td>4,25</td><td>TDB3</td><td>9,90</td></tr><tr><td>7,20</td><td>3,75</td><td>4,00</td><td>TDB3</td><td>9,01</td></tr><tr><td>7,20</td><td>4,00</td><td>3,75</td><td>TDB3</td><td>8,25</td></tr><tr><td>7,20</td><td>4,25</td><td>3,50</td><td>TDB3</td><td>7,59</td></tr><tr><td>7,20</td><td>5,00</td><td>3,25</td><td>TDB3</td><td>6,02</td></tr><tr><td>8,20</td><td>1,25</td><td>7,00</td><td>TDB1</td><td>39,09</td></tr><tr><td>8,20</td><td>1,50</td><td>7,00</td><td>TDB2</td><td>34,06</td></tr><tr><td>8,20</td><td>2,25</td><td>7,00</td><td>TDB3</td><td>22,94</td></tr><tr><td>8,20</td><td>2,50</td><td>6,00</td><td>TDB2</td><td>20,23</td></tr><tr><td>8,20</td><td>2,75</td><td>5,25</td><td>TDB2</td><td>18,02</td></tr><tr><td>8,20</td><td>3,00</td><td>4,75</td><td>TDB3</td><td>16,16</td></tr><tr><td>8,20</td><td>3,25</td><td>4,25</td><td>TDB3</td><td>14,59</td></tr><tr><td>8,20</td><td>3,50</td><td>3,75</td><td>TDB3</td><td>13,25</td></tr><tr><td>8,20</td><td>3,75</td><td>3,50</td><td>TDB3</td><td>12,09</td></tr><tr><td>8,20</td><td>4,00</td><td>3,25</td><td>TDB3</td><td>11,06</td></tr><tr><td>8,20</td><td>4,50</td><td>3,00</td><td>TDB3</td><td>9,38</td></tr><tr><td>8,20</td><td>5,00</td><td>2,75</td><td>TDB3</td><td>8,09</td></tr><tr><td>8,20</td><td>6,00</td><td>2,50</td><td>TDB3</td><td>6,22</td></tr><tr><td>9,20</td><td>1,25</td><td>7,00</td><td>TDB1</td><td>48,80</td></tr><tr><td>9,20</td><td>2,00</td><td>7,00</td><td>TDB2</td><td>33,41</td></tr><tr><td>9,20</td><td>2,25</td><td>6,50</td><td>TDB2</td><td>29,51</td></tr><tr><td>9,20</td><td>2,50</td><td>5,75</td><td>TDB2</td><td>26,18</td></tr><tr><td>9,20</td><td>2,75</td><td>5,00</td><td>TDB2</td><td>23,38</td></tr><tr><td>9,20</td><td>3,00</td><td>4,50</td><td>TDB3</td><td>21,03</td></tr><tr><td>9,20</td><td>3,25</td><td>4,00</td><td>TDB3</td><td>19,01</td></tr><tr><td>9,20</td><td>3,50</td><td>3,50</td><td>TDB3</td><td>17,23</td></tr><tr><td>9,20</td><td>3,75</td><td>3,25</td><td>TDB3</td><td>15,73</td></tr><tr><td>9,20</td><td>4,25</td><td>3,00</td><td>TDB3</td><td>13,31</td></tr><tr><td>9,20</td><td>5,00</td><td>2,50</td><td>TDB3</td><td>11,83</td></tr><tr><td>9,20</td><td>5,25</td><td>2,25</td><td>TDB3</td><td>9,95</td></tr><tr><td>9,20</td><td>6,25</td><td>2,00</td><td>TDB3</td><td>7,73</td></tr><tr><td>9,20</td><td>7,00</td><td>1,75</td><td>TDB3</td><td>6,56</td></tr></table>	Height of support. Hs	Max height of sign. h	Max width of sign with use of min. two supports. w	Temporary deflection.	Min. stiffness for bending. E*I	m	m	m	Class	10³ kN/m²	4,20	1,75	7,00	TDB1	7,26	4,20	2,00	7,00	TDB2	6,21	5,20	1,75	7,00	TDB1	11,53	5,20	2,75	7,00	TDB2	6,58	5,20	3,00	6,75	TDB3	4,80	6,20	1,25	7,00	TDB1	22,81	6,20	2,50	7,00	TDB2	11,02	6,20	2,75	6,00	TDB2	9,78	6,20	3,00	5,50	TDB2	8,73	6,20	3,25	5,00	TDB2	7,85	6,20	3,50	4,75	TDB3	7,08	6,20	3,75	4,50	TDB3	6,43	6,20	4,00	4,25	TDB3	5,87	7,20	1,50	7,00	TDB1	26,27	7,20	2,25	7,00	TDB2	17,41	7,20	2,50	6,25	TDB2	15,37	7,20	2,75	5,50	TDB2	13,59	7,20	3,00	5,00	TDB3	12,13	7,20	3,25	4,50	TDB3	10,93	7,20	3,50	4,25	TDB3	9,90	7,20	3,75	4,00	TDB3	9,01	7,20	4,00	3,75	TDB3	8,25	7,20	4,25	3,50	TDB3	7,59	7,20	5,00	3,25	TDB3	6,02	8,20	1,25	7,00	TDB1	39,09	8,20	1,50	7,00	TDB2	34,06	8,20	2,25	7,00	TDB3	22,94	8,20	2,50	6,00	TDB2	20,23	8,20	2,75	5,25	TDB2	18,02	8,20	3,00	4,75	TDB3	16,16	8,20	3,25	4,25	TDB3	14,59	8,20	3,50	3,75	TDB3	13,25	8,20	3,75	3,50	TDB3	12,09	8,20	4,00	3,25	TDB3	11,06	8,20	4,50	3,00	TDB3	9,38	8,20	5,00	2,75	TDB3	8,09	8,20	6,00	2,50	TDB3	6,22	9,20	1,25	7,00	TDB1	48,80	9,20	2,00	7,00	TDB2	33,41	9,20	2,25	6,50	TDB2	29,51	9,20	2,50	5,75	TDB2	26,18	9,20	2,75	5,00	TDB2	23,38	9,20	3,00	4,50	TDB3	21,03	9,20	3,25	4,00	TDB3	19,01	9,20	3,50	3,50	TDB3	17,23	9,20	3,75	3,25	TDB3	15,73	9,20	4,25	3,00	TDB3	13,31	9,20	5,00	2,50	TDB3	11,83	9,20	5,25	2,25	TDB3	9,95	9,20	6,25	2,00	TDB3	7,73	9,20	7,00	1,75	TDB3
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Corrosion resistance (supports) Metal	SP1																																																																																																																																																																																																																																																																								
Resistance to penetration of dust and water	Supports can not be provided with compartments for electrical equipment																																																																																																																																																																																																																																																																								

Annex 2

TEST DOCUMENTATION

Accredited Laboratory	Report no.	Date
N/A	N/A	

Annex 3

TECHNICAL BASIS

File number	Title	Date
None	Infra Group ApS CE-marking of Vierendeel posts Calculation report. Verification of the physical performance by calculation in accordance with EN 12899-1:2007.	April 2020

10. Ydeevnen for den byggevare, der er anført i punkt 1 og 2,
er i overensstemmelse med den deklarerede ydeevne i punkt 9.

Denne ydeevnedeklaration udstedes på eneansvar af den fabrikant, der er anført i punkt 4.

Underskrevet for fabrikanten og på dennes vegne af:

Odense d. 1. maj 2024


Christian Daluiso, Kvalitetschef