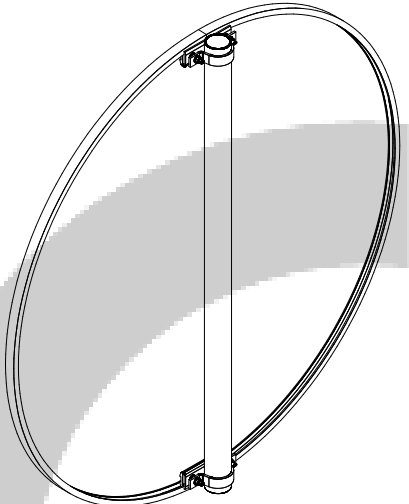
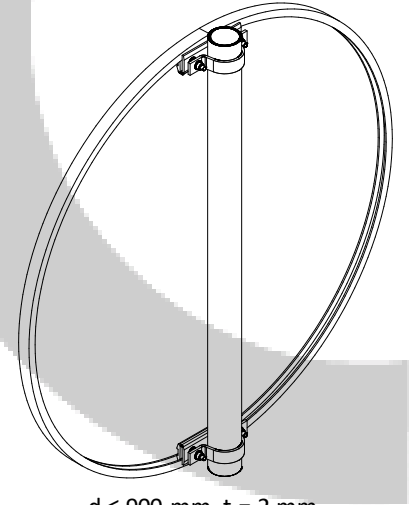
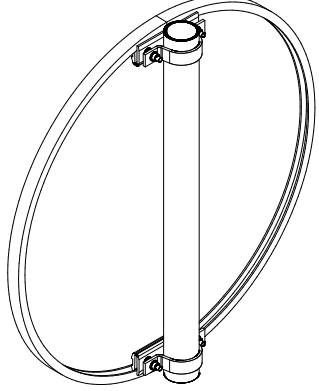


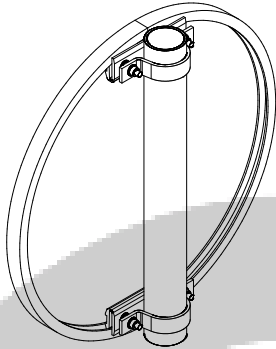
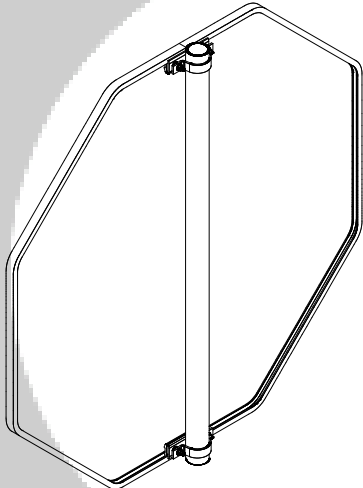
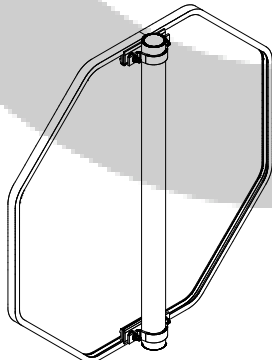
## YDEEVNEDEKLARATION nr. IG10037

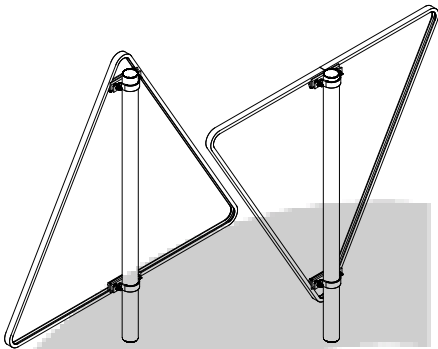
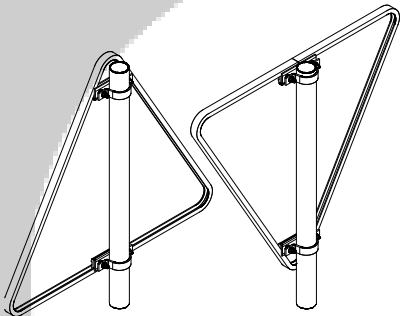
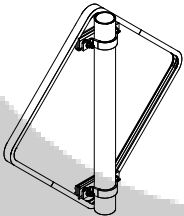
- |                                                                                                    |                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Byggevaretype:                                                                                  | Faste lodrette trafikskilte                                                                                                                                                                                                                                     |
| 2. Byggevareidentifikation:                                                                        | Færdselstavler med kantprofil                                                                                                                                                                                                                                   |
| 3. Byggevarens tilsigtede anvendelse:                                                              | Stationære, vertikale færdselstavler                                                                                                                                                                                                                            |
| 4. Fabrikantens navn og adresse:                                                                   | INFRA GROUP<br>Industrivej 17<br>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:<br>Notificeret organ:                                                    | EN 12899-1:2007<br>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-CSC10037                                                                                                                                                                                                                                               |

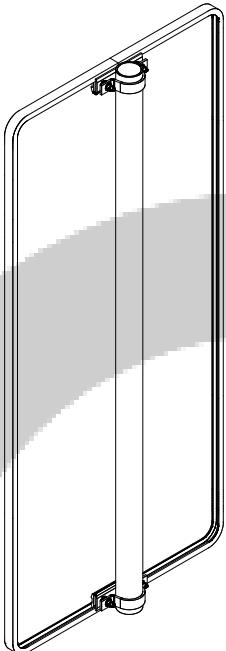
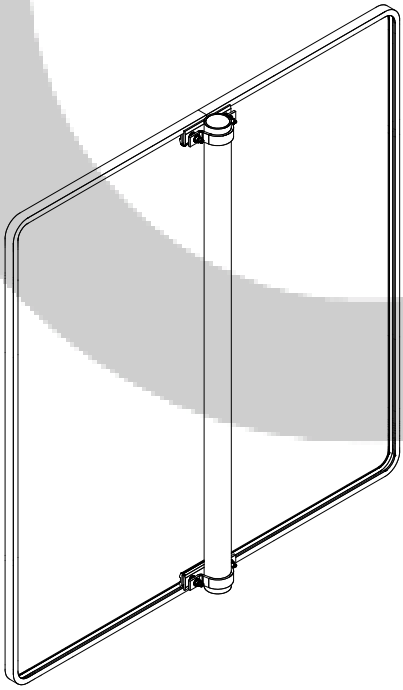
## 9. Deklareret ydeevne:

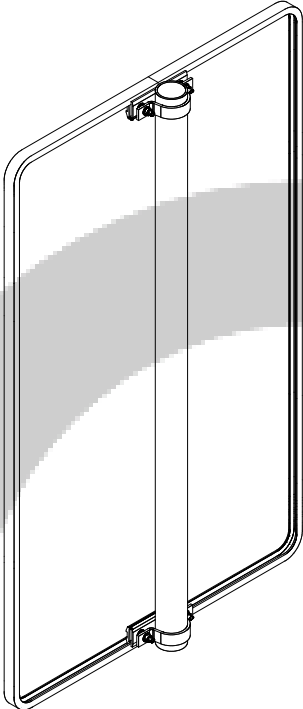
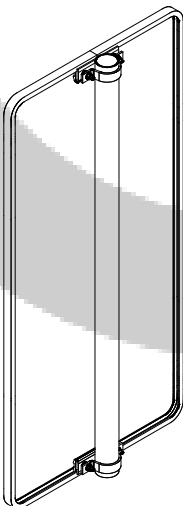
**Annex 1**
**Description and classification:**

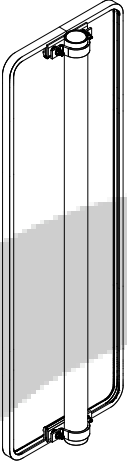
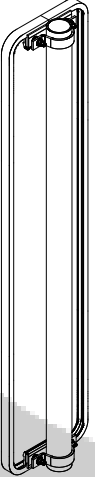
| <b>Sign, sizes and mounting system</b><br>Protective edge: Minimum aluminium quality:<br>$R_{p0,2} = 200 \text{ MPa}$<br>Brackets: Minimum aluminium quality:<br>$R_{p0,2} = 200 \text{ MPa}$<br>Sign plate: Minimum aluminium quality:<br>$R_{p0,2} = 180 \text{ MPa}$ | <b>Classification according to wind load classes</b>                                                |                                                                                                     |                                                                                                     |                                                                                                     |                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                         | Placed in<br>WL1                                                                                    | Placed in<br>WL2                                                                                    | Placed in<br>WL3                                                                                    | Placed in<br>WL4                                                                                    | Placed in<br>WL5                                                                                    |
| <br>$d \leq 1200 \text{ mm}, t = 2 \text{ mm}$                                                                                                                                        | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSL0, PL0,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSL0, PL0,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSL0, PL0,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. |
| <br>$d \leq 900 \text{ mm}, t = 2 \text{ mm}$                                                                                                                                        | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSL0, PL0,<br>TDB3,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. |
| <br>$d \leq 700 \text{ mm}, t = 2 \text{ mm}$                                                                                                                                        | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSL0, PL0,<br>TDB2,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSL0, PL0,<br>TDB3,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSL0, PL0,<br>TDB3,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSL0, PL0,<br>TDB3,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. |

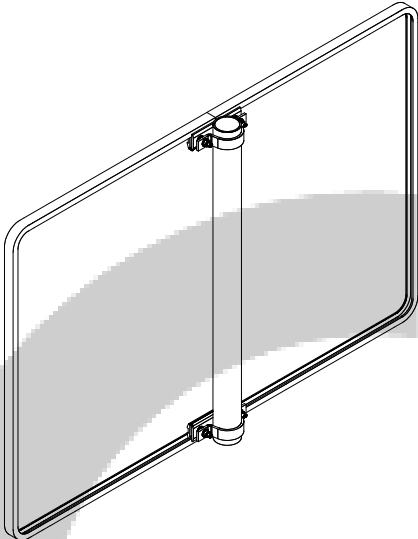
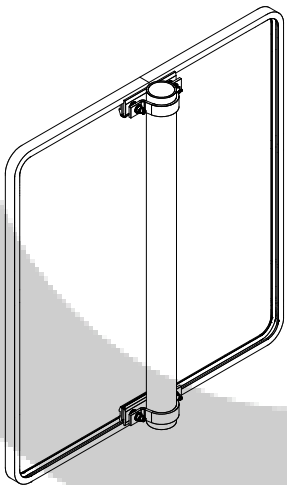
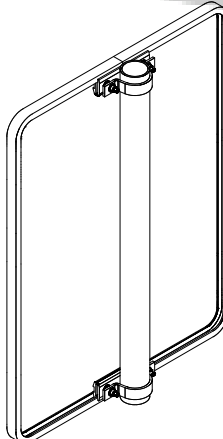
| <b>Sign, sizes and mounting system</b><br>Protective edge: Minimum aluminium quality:<br>$R_{p0,2} = 200 \text{ MPa}$<br>Brackets: Minimum aluminium quality:<br>$R_{p0,2} = 200 \text{ MPa}$<br>Sign plate: Minimum aluminium quality:<br>$R_{p0,2} = 180 \text{ MPa}$ | <b>Classification according to wind load classes</b>                                                |                                                                                                     |                                                                                                     |                                                                                                     |                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                         | Placed in<br>WL1                                                                                    | Placed in<br>WL2                                                                                    | Placed in<br>WL3                                                                                    | Placed in<br>WL4                                                                                    | Placed in<br>WL5                                                                                    |
| <br>$d \leq 500 \text{ mm}, t = 2 \text{ mm}$                                                                                                                                          | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSL0, PL0,<br>TDB2,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSL0, PL0,<br>TDB2,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSL0, PL0,<br>TDB2,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSL0, PL0,<br>TDB2,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSL0, PL0,<br>TDB2,<br>TDT0, P2,<br>E2 and SP1. |
| <br>$h \leq 1250 \text{ mm}, t = 2 \text{ mm}$                                                                                                                                        | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSL0, PL0,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSL0, PL0,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSL0, PL0,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. | N/A                                                                                                 |
| <br>$h \leq 900 \text{ mm}, t = 2 \text{ mm}$                                                                                                                                        | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSL0, PL0,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. |

| <b>Sign, sizes and mounting system</b><br>Protective edge: Minimum aluminium quality:<br>$R_{p0,2} = 200 \text{ MPa}$<br>Brackets: Minimum aluminium quality:<br>$R_{p0,2} = 200 \text{ MPa}$<br>Sign plate: Minimum aluminium quality:<br>$R_{p0,2} = 180 \text{ MPa}$ | <b>Classification according to wind load classes</b>                                                |                                                                                                     |                                                                                                     |                                                                                                     |                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                         | Placed in<br>WL1                                                                                    | Placed in<br>WL2                                                                                    | Placed in<br>WL3                                                                                    | Placed in<br>WL4                                                                                    | Placed in<br>WL5                                                                                    |
| <br>$s \leq 1250 \text{ mm}, t = 2 \text{ mm}$                                                                                                                                         | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSLO, PLO,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSLO, PLO,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSLO, PLO,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSLO, PLO,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSLO, PLO,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. |
| <br>$s \leq 900 \text{ mm}, t = 2 \text{ mm}$                                                                                                                                         | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSLO, PLO,<br>TDB3,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSLO, PLO,<br>TDB3,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSLO, PLO,<br>TDB3,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSLO, PLO,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSLO, PLO,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. |
| <br>$a \leq 500 \text{ mm}, t = 2 \text{ mm}$                                                                                                                                        | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSLO, PLO,<br>TDB1,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSLO, PLO,<br>TDB2,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSLO, PLO,<br>TDB2,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSLO, PLO,<br>TDB3,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSLO, PLO,<br>TDB3,<br>TDT0, P2,<br>E2 and SP1. |

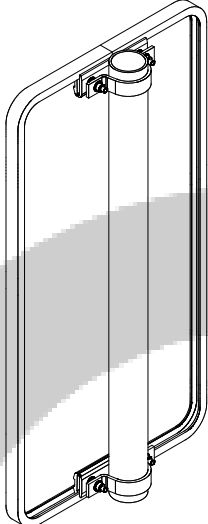
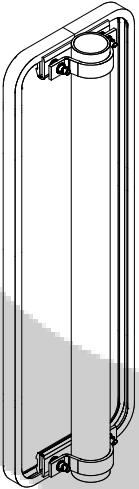
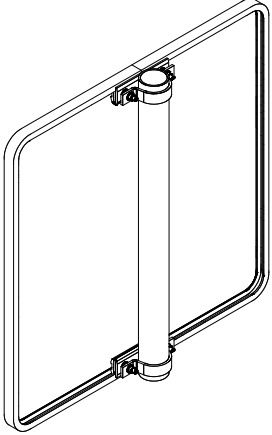
| <b>Sign, sizes and mounting system</b><br>Protective edge: Minimum aluminium quality:<br>$R_{p0,2} = 200 \text{ MPa}$<br>Brackets: Minimum aluminium quality:<br>$R_{p0,2} = 200 \text{ MPa}$<br>Sign plate: Minimum aluminium quality:<br>$R_{p0,2} = 180 \text{ MPa}$ | <b>Classification according to wind load classes</b>                                                |                                                                                                     |                                                                                                     |                                                                                                     |                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                         | Placed in<br>WL1                                                                                    | Placed in<br>WL2                                                                                    | Placed in<br>WL3                                                                                    | Placed in<br>WL4                                                                                    | Placed in<br>WL5                                                                                    |
| <br>$h \times b \leq 1450 \times \leq 650 \text{ mm}, t = 2 \text{ mm}$                                                                                                               | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSL0, PL0,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. |
| <br>$h \times b \leq 1250 \times \leq 1200 \text{ mm}, t = 2 \text{ mm}$                                                                                                             | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSL0, PL0,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSL0, PL0,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSL0, PL0,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSL0, PL0,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSL0, PL0,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. |

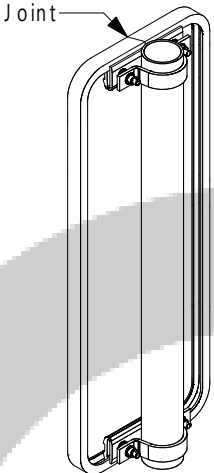
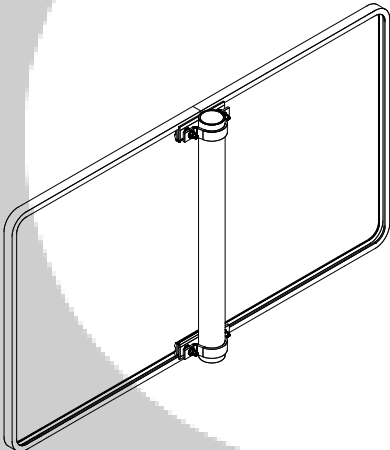
| <b>Sign, sizes and mounting system</b><br>Protective edge: Minimum aluminium quality:<br>$R_{p0,2} = 200 \text{ MPa}$<br>Brackets: Minimum aluminium quality:<br>$R_{p0,2} = 200 \text{ MPa}$<br>Sign plate: Minimum aluminium quality:<br>$R_{p0,2} = 180 \text{ MPa}$ | <b>Classification according to wind load classes</b>                                                |                                                                                                     |                                                                                                     |                                                                                                     |                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                         | Placed in<br>WL1                                                                                    | Placed in<br>WL2                                                                                    | Placed in<br>WL3                                                                                    | Placed in<br>WL4                                                                                    | Placed in<br>WL5                                                                                    |
| <br>$h \times b \leq 1250 \times \leq 750 \text{ mm}, t = 2 \text{ mm}$                                                                                                               | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSL0, PL0,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. |
| <br>$h \times b \leq 1250 \times \leq 600 \text{ mm}, t = 2 \text{ mm}$                                                                                                              | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. |

| <b>Sign, sizes and mounting system</b><br>Protective edge: Minimum aluminium quality:<br>$R_{p0,2} = 200 \text{ MPa}$<br>Brackets: Minimum aluminium quality:<br>$R_{p0,2} = 200 \text{ MPa}$<br>Sign plate: Minimum aluminium quality:<br>$R_{p0,2} = 180 \text{ MPa}$ | Classification according to wind load classes                                        |                                                                                      |                                                                                      |                                                                                      |                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                         | Placed in<br>WL1                                                                     | Placed in<br>WL2                                                                     | Placed in<br>WL3                                                                     | Placed in<br>WL4                                                                     | Placed in<br>WL5                                                                     |
| <br>$h \times b \leq 1250 \times \leq 400 \text{ mm}, t = 2 \text{ mm}$                                                                                                                | <b>Sign plate and brackets:</b><br>PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1, WL4, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1, WL5, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1. |
| <br>$h \times b \leq 1250 \times \leq 250 \text{ mm}, t = 2 \text{ mm}$                                                                                                              | <b>Sign plate and brackets:</b><br>PAF1, WL1, DSL0, PL0, TDB1, TDT0, P2, E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1, WL2, DSL0, PL0, TDB2, TDT0, P2, E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1, WL3, DSL0, PL0, TDB2, TDT0, P2, E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1, WL4, DSL0, PL0, TDB2, TDT0, P2, E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1, WL5, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1. |

| <b>Sign, sizes and mounting system</b><br>Protective edge: Minimum aluminium quality:<br>$R_{p0,2} = 200 \text{ MPa}$<br>Brackets: Minimum aluminium quality:<br>$R_{p0,2} = 200 \text{ MPa}$<br>Sign plate: Minimum aluminium quality:<br>$R_{p0,2} = 180 \text{ MPa}$ | Classification according to wind load classes                                                       |                                                                                                     |                                                                                                     |                                                                                                     |                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                         | Placed in<br>WL1                                                                                    | Placed in<br>WL2                                                                                    | Placed in<br>WL3                                                                                    | Placed in<br>WL4                                                                                    | Placed in<br>WL5                                                                                    |
| <br>$h \times b \leq 800 \times 1200 \text{ mm}, t = 2 \text{ mm}$                                                                                                                     | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSL0, PLO,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSL0, PLO,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSL0, PLO,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSL0, PLO,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSL0, PLO,<br>TDB5,<br>TDT0, P2,<br>E2 and SP1. |
| <br>$h \times b \leq 800 \times 750 \text{ mm}, t = 2 \text{ mm}$                                                                                                                    | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSL0, PLO,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSL0, PLO,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSL0, PLO,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSL0, PLO,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSL0, PLO,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. |
| <br>$h \times b \leq 800 \times 600 \text{ mm}, t = 2 \text{ mm}$                                                                                                                    | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSL0, PLO,<br>TDB3,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSL0, PLO,<br>TDB3,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSL0, PLO,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSL0, PLO,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSL0, PLO,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. |



| <b>Sign, sizes and mounting system</b><br>Protective edge: Minimum aluminium quality:<br>$R_{p0,2} = 200 \text{ MPa}$<br>Brackets: Minimum aluminium quality:<br>$R_{p0,2} = 200 \text{ MPa}$<br>Sign plate: Minimum aluminium quality:<br>$R_{p0,2} = 180 \text{ MPa}$ | Classification according to wind load classes                                                       |                                                                                                     |                                                                                                     |                                                                                                     |                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                         | Placed in<br>WL1                                                                                    | Placed in<br>WL2                                                                                    | Placed in<br>WL3                                                                                    | Placed in<br>WL4                                                                                    | Placed in<br>WL5                                                                                    |
| <br>$h \times b \leq 800 \times 400 \text{ mm}, t = 2 \text{ mm}$                                                                                                                      | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSL0, PL0,<br>TDB2,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSL0, PL0,<br>TDB3,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSL0, PL0,<br>TDB3,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSL0, PL0,<br>TDB3,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSL0, PL0,<br>TDB3,<br>TDT0, P2,<br>E2 and SP1. |
| <br>$h \times b \leq 800 \times 250 \text{ mm}, t = 2 \text{ mm}$                                                                                                                    | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSL0, PL0,<br>TDB1,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSL0, PL0,<br>TDB2,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSL0, PL0,<br>TDB2,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSL0, PL0,<br>TDB2,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSL0, PL0,<br>TDB2,<br>TDT0, P2,<br>E2 and SP1. |
| <br>$h \times b \leq 700 \times 700 \text{ mm}, t = 2 \text{ mm}$                                                                                                                    | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSL0, PL0,<br>TDB3,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. |

| <b>Sign, sizes and mounting system</b><br>Protective edge: Minimum aluminium quality:<br>$R_{p0,2} = 200 \text{ MPa}$<br>Brackets: Minimum aluminium quality:<br>$R_{p0,2} = 200 \text{ MPa}$<br>Sign plate: Minimum aluminium quality:<br>$R_{p0,2} = 180 \text{ MPa}$ | Classification according to wind load classes                                                       |                                                                                                     |                                                                                                     |                                                                                                     |                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                         | Placed in<br>WL1                                                                                    | Placed in<br>WL2                                                                                    | Placed in<br>WL3                                                                                    | Placed in<br>WL4                                                                                    | Placed in<br>WL5                                                                                    |
| <br>$h \times b \leq 700 \times \leq 250 \text{ mm}, t = 2 \text{ mm}$                                                                                                                 | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSL0, PL0,<br>TDB2,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSL0, PL0,<br>TDB2,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSL0, PL0,<br>TDB2,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSL0, PL0,<br>TDB2,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSL0, PL0,<br>TDB2,<br>TDT0, P2,<br>E2 and SP1. |
| <br>$h \times b \leq 650 \times \leq 1200 \text{ mm}, t = 2 \text{ mm}$                                                                                                               | <b>Sign plate and brackets:</b><br>PAF1,<br>WL1,<br>DSL0, PL0,<br>TDB3,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL2,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL3,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL4,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. | <b>Sign plate and brackets:</b><br>PAF1,<br>WL5,<br>DSL0, PL0,<br>TDB4,<br>TDT0, P2,<br>E2 and SP1. |

|                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Resistance to horizontal loads                          |  | NPD<br>To be declared on the support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Resistance to bending                                   |  | NPD<br>To be declared on the support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Resistance to torsion                                   |  | NPD<br>To be declared on the support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Fixings:                                                |  | <p>Pass.</p> <p>The signs, sizes are intended for mounting at the top of another straight steel pipe. Together the signs and the straight steel is the support for the sign.</p> <p>Glue for fixing the signs into the bracket according to DIN 53504:<br/>           Load bearing capacity: <math>\geq 1.5</math> MPa<br/>           Elasticity modulus: <math>\geq 0.65</math> MPa<br/>           Charge on broken: <math>\geq 1.55</math> MPa<br/>           Elongation at breaks: <math>\geq 300</math> %<br/>           Shore A hardness: <math>\geq 40</math><br/>           Thermal resistance: <math>-40</math> to <math>90^{\circ}\text{C}</math></p> <p>Pressure force for tightening:<br/>           2 kN for the clamp.<br/>           5 kN for the brackets.<br/>           M8 Screws, nuts and washers are minimum A2, class 70 (<math>f_{y,b} = 450</math> MPa).</p> |
| Temporary deflection (supports)<br>-bending<br>-torsion |  | NPD<br>To be declared on the support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Permanent deflection                                    |  | NPD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Performance under vehicle impact                        |  | NPD<br>To be declared on the support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Corrosion resistance                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Brackets                                                |  | SP1<br>Minimum S235<br>Hot dip galvanized according to EN 1461                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Screws, nuts and washers                                |  | M8: $f_{y,b} \geq 450$ MPa, minimum A2 or FZV<br>SP1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Aluminum plate                                          |  | SP1 Laquered AL-plate on exposed side if any.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Resistance to penetration of dust and water             |  | NPD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| <b>ORALITE® 5710 Engineering Grade:</b>                                                                                                                                                                                                       |                                                                                  |                                                                                |                                        |                          |                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------|--------------------------|----------------------------------------------------------------|
| <b>Retroreflective sheeting ORALITE® 5710 Engineering Grade with the following original dyed colours:</b>                                                                                                                                     |                                                                                  |                                                                                |                                        |                          |                                                                |
| Colour                                                                                                                                                                                                                                        | Name                                                                             | Visibility characteristics                                                     |                                        | Durability               |                                                                |
|                                                                                                                                                                                                                                               |                                                                                  | Daylight Chromaticity & luminance factor 4.1.1.3. For black colours: 7.2.2.1.3 | Coefficient of retroreflection 4.1.1.4 | Impact resistance 4.1.2. | Resistance to weathering 4.1.1.5. For black colours: 7.2.2.1.4 |
| White                                                                                                                                                                                                                                         | ORALITE® 5710-010 Engineering Grade                                              | CR2                                                                            | RA1                                    | pass                     | pass                                                           |
| Yellow                                                                                                                                                                                                                                        | ORALITE® 5710-020 Engineering Grade                                              | CR2                                                                            | RA1                                    | pass                     | pass                                                           |
| Red                                                                                                                                                                                                                                           | ORALITE® 5710-030 Engineering Grade                                              | CR2                                                                            | RA1                                    | pass                     | pass                                                           |
| Blue                                                                                                                                                                                                                                          | ORALITE® 5710-050 Engineering Grade                                              | CR2                                                                            | RA1                                    | pass                     | pass                                                           |
| Green                                                                                                                                                                                                                                         | ORALITE® 5710-060 Engineering Grade                                              | CR2                                                                            | RA1                                    | pass                     | pass                                                           |
| Orange                                                                                                                                                                                                                                        | ORALITE® 5710-035 Engineering Grade                                              | CR1                                                                            | RA1                                    | pass                     | pass                                                           |
| Brown                                                                                                                                                                                                                                         | ORALITE® 5710-080 Engineering Grade                                              | CR2                                                                            | RA1                                    | pass                     | pass                                                           |
| <b>Retroreflective sheeting ORALITE® 5710 engineering Grade with the following Lettering Film:</b>                                                                                                                                            |                                                                                  |                                                                                |                                        |                          |                                                                |
| Black                                                                                                                                                                                                                                         | ORALITE® 5071-070 Lettering Film                                                 | NR1                                                                            | -                                      | pass                     | pass                                                           |
| <b>Retroreflective sheeting ORALITE® 5710 engineering Grade with the following screen printing colours on white retroreflective sheeting:</b>                                                                                                 |                                                                                  |                                                                                |                                        |                          |                                                                |
| Yellow                                                                                                                                                                                                                                        | ORALITE® 5018-020 Screen Printing ink                                            | CR2                                                                            | RA1                                    | pass                     | pass                                                           |
| Red                                                                                                                                                                                                                                           | ORALITE® 5018-030 Screen Printing ink                                            | CR2                                                                            | RA1                                    | pass                     | pass                                                           |
| blue                                                                                                                                                                                                                                          | ORALITE® 5018-050 Screen Printing ink                                            | CR2                                                                            | RA1                                    | pass                     | pass                                                           |
| Green                                                                                                                                                                                                                                         | ORALITE® 5018-060 Screen Printing ink                                            | CR2                                                                            | RA1                                    | pass                     | pass                                                           |
| Black                                                                                                                                                                                                                                         | ORALITE® 5018-070 Screen Printing ink                                            | NR1                                                                            | -                                      | pass                     | pass                                                           |
| <b>Retroreflective sheeting ORALITE® 5710 engineering Grade with the following screen printing colours on yellow retroreflective sheeting:</b>                                                                                                |                                                                                  |                                                                                |                                        |                          |                                                                |
| Red                                                                                                                                                                                                                                           | ORALITE® 5018-030 Screen Printing ink                                            | CR2                                                                            | RA1                                    | pass                     | pass                                                           |
| Black                                                                                                                                                                                                                                         | ORALITE® 5018-070 Screen Printing ink                                            | NR1                                                                            | -                                      | pass                     | pass                                                           |
| <b>Digital printing colours:</b>                                                                                                                                                                                                              |                                                                                  |                                                                                |                                        |                          |                                                                |
| The digital printing is processed on white retroreflective sheeting with the digital printing system AGFA ANAPURNA M2050 High-Speed-UV-Inkjet-System and is to be laminated with the transparent laminate ORALITE® 5062-000 Transparent Film. |                                                                                  |                                                                                |                                        |                          |                                                                |
| On white sheeting                                                                                                                                                                                                                             | ORALITE® 5710-010 Engineering Grade and                                          |                                                                                |                                        |                          |                                                                |
| White                                                                                                                                                                                                                                         | ORALITE® 5062-000 Transparent Film                                               | CR2                                                                            | RA1                                    | pass                     | pass                                                           |
| Yellow                                                                                                                                                                                                                                        | ORALITE® 5019-020 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film | CR2                                                                            | RA1                                    | pass                     | pass                                                           |
| Red                                                                                                                                                                                                                                           | ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film | CR2                                                                            | RA1                                    | pass                     | pass                                                           |
| Blue                                                                                                                                                                                                                                          | ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film | CR2                                                                            | RA1                                    | pass                     | pass                                                           |
| Green                                                                                                                                                                                                                                         | ORALITE® 5019-060 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film | CR2                                                                            | RA1                                    | pass                     | pass                                                           |
| Grey                                                                                                                                                                                                                                          | ORALITE® 5019-625 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film | CR2                                                                            | RA1                                    | pass                     | pass                                                           |
| Black                                                                                                                                                                                                                                         | ORALITE® 5019-070 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film | NR1                                                                            | -                                      | pass                     | pass                                                           |
| If the colour black is printed solely, this material combination is admitted to be used without the transparent laminate.                                                                                                                     |                                                                                  |                                                                                |                                        |                          |                                                                |
| Black                                                                                                                                                                                                                                         | ORALITE® 5019-070 UV Digital Printing Ink                                        | NR1                                                                            | -                                      | pass                     | pass                                                           |

| Digital printing colour ORALITE® 5019i UV Digital Printing Ink                                                                                                                                                   |                                                                                   |     |     |      |      |
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| On white sheeting                                                                                                                                                                                                | ORALITE® 5710-010 Engineering Grade and                                           |     |     |      |      |
| White                                                                                                                                                                                                            | ORALITE® 5062-000 Transparent Film                                                | CR2 | RA1 | pass | pass |
| Yellow                                                                                                                                                                                                           | ORALITE® 5019i-020 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film | CR2 | RA1 | pass | pass |
| Red                                                                                                                                                                                                              | ORALITE® 5019i-030 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film | CR2 | RA1 | pass | pass |
| Blue                                                                                                                                                                                                             | ORALITE® 5019i-050 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film | CR2 | RA1 | pass | pass |
| Green                                                                                                                                                                                                            | ORALITE® 5019i-060 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film | CR2 | RA1 | pass | pass |
| Orange                                                                                                                                                                                                           | ORALITE® 5019i-035 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film | CR1 | RA1 | pass | pass |
| Brown                                                                                                                                                                                                            | ORALITE® 5019i-080 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film | CR2 | RA1 | pass | pass |
| Black                                                                                                                                                                                                            | ORALITE® 5019i-070 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film | NR1 | -   | pass | pass |
| White                                                                                                                                                                                                            | ORALITE® 5062-000 Transparent Film                                                | CR2 | RA1 | pass | pass |
| <b>Clear protective overlay film:</b>                                                                                                                                                                            |                                                                                   |     |     |      |      |
| Clear protective overlay films (Anti-Graffiti) are always admitted in combination with retroreflective sheeting and a colouring process.                                                                         |                                                                                   |     |     |      |      |
| <b>Anti-Graffiti:</b>                                                                                                                                                                                            |                                                                                   |     |     |      |      |
| The original dyed retroreflective sheeting with the screen-printing ORALITE® 5018 is accepted to be laminated with the clear protective overlay film ORALITE® 5095 Anti-Graffiti Film for the following colours: |                                                                                   |     |     |      |      |
| Original dyed retroreflective sheeting ORALITE® 5710 Engineering Grade with screen-printing ORALITE® 5018.                                                                                                       |                                                                                   |     |     |      |      |
| Red                                                                                                                                                                                                              | ORALITE® 5018-030 Screen Printing Ink and ORALITE® 5095 Anti-Graffiti Film        | CR2 | RA1 | pass | pass |
| Blue                                                                                                                                                                                                             | ORALITE® 5018-050 Screen Printing Ink and ORALITE® 5095 Anti-Graffiti Film        | CR2 | RA1 | pass | pass |
| Black                                                                                                                                                                                                            | ORALITE® 5018-070 Screen Printing Ink and ORALITE® 5095 Anti-Graffiti Film        | NR1 | -   | pass | pass |

| <b>ORALITE® 5810 High Intensity Grade:</b>                                                                                                                                                               |                                                                                  |                                                                                |                                        |                          |                                                                |
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| <b>Retroreflective sheeting ORALITE® 5810 High Intensity Grade with the following original dyed colours:</b>                                                                                             |                                                                                  |                                                                                |                                        |                          |                                                                |
| Colour                                                                                                                                                                                                   | Name                                                                             | Visibility characteristics                                                     |                                        | Durability               |                                                                |
|                                                                                                                                                                                                          |                                                                                  | Daylight Chromaticity & luminance factor 4.1.1.3. For black colours: 7.2.2.1.3 | Coefficient of retroreflection 4.1.1.4 | Impact resistance 4.1.2. | Resistance to weathering 4.1.1.5. For black colours: 7.2.2.1.4 |
| White                                                                                                                                                                                                    | ORALITE® 5810-010 High Intensity Grade                                           | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| Yellow                                                                                                                                                                                                   | ORALITE® 5810-020 High Intensity Grade                                           | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| Red                                                                                                                                                                                                      | ORALITE® 5810-030 High Intensity Grade                                           | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| Blue                                                                                                                                                                                                     | ORALITE® 5810-050 High Intensity Grade                                           | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| Green                                                                                                                                                                                                    | ORALITE® 5810-060 High Intensity Grade                                           | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| Brown                                                                                                                                                                                                    | ORALITE® 5810-080 High Intensity Grade                                           | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| <b>Retroreflective sheeting ORALITE® 5810 High Intensity Grade with the following Lettering Film:</b>                                                                                                    |                                                                                  |                                                                                |                                        |                          |                                                                |
| Black                                                                                                                                                                                                    | ORALITE® 5081-070 Lettering Film                                                 | NR1                                                                            | -                                      | pass                     | pass                                                           |
| <b>Retroreflective sheeting ORALITE® 5810 High Intensity Grade with the following Coloured Laminates:</b>                                                                                                |                                                                                  |                                                                                |                                        |                          |                                                                |
| Yellow                                                                                                                                                                                                   | ORALITE® 5061-020 Transparent Film                                               | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| Red                                                                                                                                                                                                      | ORALITE® 5061-030 Transparent Film                                               | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| Blue                                                                                                                                                                                                     | ORALITE® 5061-050 Transparent Film                                               | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| Green                                                                                                                                                                                                    | ORALITE® 5061-060 Transparent Film                                               | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| Brown                                                                                                                                                                                                    | ORALITE® 5061-080 Transparent Film                                               | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| Dark Green                                                                                                                                                                                               | ORALITE® 5061-625 Transparent Film                                               | CR1                                                                            | RA2                                    | pass                     | pass                                                           |
| <b>Retroreflective sheeting ORALITE® 5810 High Intensity Grade with the following Screen Printing Colours on white retroreflective sheeting:</b>                                                         |                                                                                  |                                                                                |                                        |                          |                                                                |
| Yellow                                                                                                                                                                                                   | ORALITE® 5018-020 Screen Printing Ink                                            | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| Red                                                                                                                                                                                                      | ORALITE® 5018-030 Screen Printing Ink                                            | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| Blue                                                                                                                                                                                                     | ORALITE® 5018-050 Screen Printing Ink                                            | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| Green                                                                                                                                                                                                    | ORALITE® 5018-060 Screen Printing Ink                                            | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| Black                                                                                                                                                                                                    | ORALITE® 5018-070 Screen Printing Ink                                            | NR1                                                                            | -                                      | pass                     | pass                                                           |
| <b>Retroreflective sheeting ORALITE® 5810 High Intensity Grade with the following Screen Printing Colours on yellow retroreflective sheeting:</b>                                                        |                                                                                  |                                                                                |                                        |                          |                                                                |
| Red                                                                                                                                                                                                      | ORALITE® 5018-030 Screen Printing Ink                                            | CR2                                                                            | RA1                                    | pass                     | pass                                                           |
| Black                                                                                                                                                                                                    | ORALITE® 5018-070 Screen Printing Ink                                            | NR1                                                                            | -                                      | pass                     | pass                                                           |
| <b>Digital Printing Colours:</b>                                                                                                                                                                         |                                                                                  |                                                                                |                                        |                          |                                                                |
| <b>Digital Printing Colour ORALITE® 5019 UV Digital Printing Ink</b>                                                                                                                                     |                                                                                  |                                                                                |                                        |                          |                                                                |
| The digital printing is processed on white retroreflective sheeting with the digital printing system AGFA ANAPURNA M2050 High-Speed-UV-Inkjet-System and is to be laminated with a transparent laminate. |                                                                                  |                                                                                |                                        |                          |                                                                |
| <b>Digital Printing with protective laminate ORALITE® 5061-000 Transparent Film</b>                                                                                                                      |                                                                                  |                                                                                |                                        |                          |                                                                |
| On white sheeting                                                                                                                                                                                        | ORALITE® 5810-010 High Intensity Grade and                                       |                                                                                |                                        |                          |                                                                |
| White                                                                                                                                                                                                    | ORALITE® 5061-000 Transparent Film                                               | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| Yellow                                                                                                                                                                                                   | ORALITE® 5019-020 UV Digital Printing Ink and ORALITE® 5061-000 Transparent Film | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| Red                                                                                                                                                                                                      | ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5061-000 Transparent Film | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| Blue                                                                                                                                                                                                     | ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5061-000 Transparent Film | CR2                                                                            | RA2                                    | pass                     | pass                                                           |
| Green                                                                                                                                                                                                    | ORALITE® 5019-060 UV Digital Printing Ink and ORALITE® 5061-000 Transparent Film | CR2                                                                            | RA2                                    | pass                     | pass                                                           |

|                                                                                                                                                                                                                                                                                                                        |                                                                                  |     |      |      |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----|------|------|------|
| Brown                                                                                                                                                                                                                                                                                                                  | ORALITE® 5019-080 UV Digital Printing Ink and ORALITE® 5061-000 Transparent Film | CR2 | RA2  | pass | pass |
| Dark Green                                                                                                                                                                                                                                                                                                             | ORALITE® 5019-625 UV Digital Printing Ink and ORALITE® 5061-000 Transparent Film | CR2 | RA2  | pass | pass |
| Grey                                                                                                                                                                                                                                                                                                                   | ORALITE® 5019-073 UV Digital Printing Ink and ORALITE® 5061-000 Transparent Film | CR2 | RA2* | pass | pass |
| *Coefficient of retroreflection: Value for printed colours 70% of RA2                                                                                                                                                                                                                                                  |                                                                                  |     |      |      |      |
| Black                                                                                                                                                                                                                                                                                                                  | ORALITE® 5019-070 UV Digital Printing Ink and ORALITE® 5061-000 Transparent Film | NR1 | -    | pass | pass |
| <b>Digital Printing with protective laminate ORALITE® 5090 Anti-Dew Film:</b>                                                                                                                                                                                                                                          |                                                                                  |     |      |      |      |
| On white sheeting                                                                                                                                                                                                                                                                                                      | ORALITE® 5810-010 High Intensity Grade and                                       |     |      |      |      |
| White                                                                                                                                                                                                                                                                                                                  | ORALITE® 5090 Anti-Dew Film                                                      | CR2 | RA2  | pass | pass |
| Yellow                                                                                                                                                                                                                                                                                                                 | ORALITE® 5019-020 UV Digital Printing Ink and ORALITE® 5090 Anti-Dew Film        | CR2 | RA2  | pass | pass |
| Red                                                                                                                                                                                                                                                                                                                    | ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5090 Anti-Dew Film        | CR2 | RA2  | pass | pass |
| Blue                                                                                                                                                                                                                                                                                                                   | ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5090 Anti-Dew Film        | CR2 | RA2* | pass | pass |
| Green                                                                                                                                                                                                                                                                                                                  | ORALITE® 5019-060 UV Digital Printing Ink and ORALITE® 5090 Anti-Dew Film        | CR2 | RA2* | pass | pass |
| Brown                                                                                                                                                                                                                                                                                                                  | ORALITE® 5019-080 UV Digital Printing Ink and ORALITE® 5090 Anti-Dew Film        | CR2 | RA2  | pass | pass |
| Dark Green                                                                                                                                                                                                                                                                                                             | ORALITE® 5019-625 UV Digital Printing Ink and ORALITE® 5090 Anti-Dew Film        | CR2 | RA2  | pass | pass |
| Grey                                                                                                                                                                                                                                                                                                                   | ORALITE® 5019-073 UV Digital Printing Ink and ORALITE® 5090 Anti-Dew Film        | CR2 | RA2  | pass | pass |
| *Coefficient of retroreflection: Value for printed colours 70% of RA2                                                                                                                                                                                                                                                  |                                                                                  |     |      |      |      |
| Black                                                                                                                                                                                                                                                                                                                  | ORALITE® 5019-070 UV Digital Printing Ink and ORALITE® 5090 Anti-Dew Film        | NR1 | -    | pass | pass |
| <b>Digital Printing with protective laminate ORALITE® 5095 Anti-Graffiti Film:</b>                                                                                                                                                                                                                                     |                                                                                  |     |      |      |      |
| On white sheeting                                                                                                                                                                                                                                                                                                      | ORALITE® 5810-010 High Intensity Grade and                                       |     |      |      |      |
| White                                                                                                                                                                                                                                                                                                                  | ORALITE® 5095 Anti-Graffiti Film                                                 | CR2 | RA2  | pass | pass |
| Yellow                                                                                                                                                                                                                                                                                                                 | ORALITE® 5019-020 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film   | CR2 | RA2  | pass | pass |
| Red                                                                                                                                                                                                                                                                                                                    | ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film   | CR2 | RA2  | pass | pass |
| Blue                                                                                                                                                                                                                                                                                                                   | ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film   | CR2 | RA2* | pass | pass |
| Green                                                                                                                                                                                                                                                                                                                  | ORALITE® 5019-060 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film   | CR2 | RA2* | pass | pass |
| Brown                                                                                                                                                                                                                                                                                                                  | ORALITE® 5019-080 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film   | CR2 | RA2  | pass | pass |
| Grey                                                                                                                                                                                                                                                                                                                   | ORALITE® 5019-073 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film   | CR2 | RA2  | pass | pass |
| *Coefficient of retrorefelction: Value for printed colours 70% of RA2                                                                                                                                                                                                                                                  |                                                                                  |     |      |      |      |
| Black                                                                                                                                                                                                                                                                                                                  | ORALITE® 5019-070 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film   | NR1 | -    | pass | pass |
| If the colour Black is printed solely, this material combination is admitted to be used without the transparent laminate                                                                                                                                                                                               |                                                                                  |     |      |      |      |
| Black                                                                                                                                                                                                                                                                                                                  | ORALITE® 5019-070 UV Digital Printing Ink                                        | NR1 | -    | pass | pass |
| <b>Digital Printing Colour ORALITE® 5019i UV Digital Printing Ink:</b><br>The digital printing is processed on white retroreflective sheeting with the digital printing system AGFA ANAPURNA M2050 High-Speed-UV-Inkjet-System and is to be laminated with the transparent laminate ORALITE® 5061-000 Transparent Film |                                                                                  |     |      |      |      |

|                                                                                                                                                                                                                |                                                                                   |     |     |      |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----|-----|------|------|
| On white sheeting                                                                                                                                                                                              | ORALITE® 5810-010 High Intensity Grade and                                        |     |     |      |      |
| White                                                                                                                                                                                                          | ORALITE® 5061-000 Transparent Film                                                | CR2 | RA2 | pass | pass |
| Yellow                                                                                                                                                                                                         | ORALITE® 5019i-020 UV Digital Printing Ink and ORALITE® 5061-000 Transparent Film | CR2 | RA2 | pass | pass |
| Red                                                                                                                                                                                                            | ORALITE® 5019i-030 UV Digital Printing Ink and ORALITE® 5061-000 Transparent Film | CR2 | RA2 | pass | pass |
| Blue                                                                                                                                                                                                           | ORALITE® 5019i-050 UV Digital Printing Ink and ORALITE® 5061-000 Transparent Film | CR2 | RA2 | pass | pass |
| Green                                                                                                                                                                                                          | ORALITE® 5019i-060 UV Digital Printing Ink and ORALITE® 5061-000 Transparent Film | CR2 | RA2 | pass | pass |
| Brown                                                                                                                                                                                                          | ORALITE® 5019i-080 UV Digital Printing Ink and ORALITE® 5061-000 Transparent Film | CR2 | RA2 | pass | pass |
| Dark Green                                                                                                                                                                                                     | ORALITE® 5019i-625 UV Digital Printing Ink and ORALITE® 5061-000 Transparent Film | CR2 | RA2 | pass | pass |
| Grey                                                                                                                                                                                                           | ORALITE® 5019i-073 UV Digital Printing Ink and ORALITE® 5061-000 Transparent Film | CR2 | RA2 | pass | pass |
| Black                                                                                                                                                                                                          | ORALITE® 5019i-070 UV Digital Printing Ink and ORALITE® 5061-000 Transparent Film | NR1 | -   | pass | pass |
| <b>Clear overlay film with special function:</b>                                                                                                                                                               |                                                                                   |     |     |      |      |
| Clear overlay films with special function (anti-dew and anti-graffiti) are always admitted in combination with a dyed sheeting and a colouring process.                                                        |                                                                                   |     |     |      |      |
| <b>Anti Dew:</b>                                                                                                                                                                                               |                                                                                   |     |     |      |      |
| The dyed sheeting and the combination with coloured laminates is accepted to be processed with the clear overlay film anti -dew function ORALITE® 5090 Anti-Dew film for the following colours:                |                                                                                   |     |     |      |      |
| <b>Dyed Retroreflective Sheeting:</b>                                                                                                                                                                          |                                                                                   |     |     |      |      |
| White                                                                                                                                                                                                          | ORALITE® 5810-010 High Intensity Grade and ORALITE® 5090 Anti-Dew film            | CR2 | RA2 | pass | pass |
| Yellow                                                                                                                                                                                                         | ORALITE® 5810-020 High Intensity Grade and ORALITE® 5090 Anti-Dew film            | CR2 | RA2 | pass | pass |
| Red                                                                                                                                                                                                            | ORALITE® 5810-030 High Intensity Grade and ORALITE® 5090 Anti-Dew film            | CR2 | RA2 | pass | pass |
| Blue                                                                                                                                                                                                           | ORALITE® 5810-050 High Intensity Grade and ORALITE® 5090 Anti-Dew film            | CR2 | RA2 | pass | pass |
| <b>Dyed Retroreflective Sheeting ORALITE® 5810 High Intensity Grade with Coloured Laminate:</b>                                                                                                                |                                                                                   |     |     |      |      |
| Yellow                                                                                                                                                                                                         | ORALITE® 5061-020 Transparent Film and ORALITE® 5090 Anti-Dew film                | CR2 | RA2 | pass | pass |
| Red                                                                                                                                                                                                            | ORALITE® 5061-030 Transparent Film and ORALITE® 5090 Anti-Dew film                | CR2 | RA2 | pass | pass |
| Blue                                                                                                                                                                                                           | ORALITE® 5061-050 Transparent Film and ORALITE® 5090 Anti-Dew film                | CR2 | RA2 | pass | pass |
| <b>Dyed Retroreflective Sheeting ORALITE® 5810 High Intensity Grade with Lettering film:</b>                                                                                                                   |                                                                                   |     |     |      |      |
| Black                                                                                                                                                                                                          | ORALITE® 5081-070 Lettering Film and ORALITE® 5090 Anti-Dew film                  | NR1 | -   | pass | pass |
| <b>Anti-Graffiti:</b>                                                                                                                                                                                          |                                                                                   |     |     |      |      |
| The dyed sheeting and the combination with coloured laminates is accepted to be processed with the clear overlay film with anti -graffiti function ORALITE® 5095 Anti Graffiti Film for the following colours. |                                                                                   |     |     |      |      |



|                                                                                                 |                                                                             |     |     |      |      |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----|-----|------|------|
| <b>Dyed Retroreflective Sheeting:</b>                                                           |                                                                             |     |     |      |      |
| White                                                                                           | ORALITE® 5810-010 High Intensity Grade and ORALITE® 5095 Anti-Graffiti Film | CR2 | RA2 | pass | pass |
| Yellow                                                                                          | ORALITE® 5810-020 High Intensity Grade and ORALITE® 5095 Anti-Graffiti Film | CR2 | RA2 | pass | pass |
| Red                                                                                             | ORALITE® 5810-030 High Intensity Grade and ORALITE® 5095 Anti-Graffiti Film | CR2 | RA2 | pass | pass |
| Blue                                                                                            | ORALITE® 5810-050 High Intensity Grade and ORALITE® 5095 Anti-Graffiti Film | CR2 | RA2 | pass | pass |
| <b>Dyed Retroreflective Sheeting ORALITE® 5810 High Intensity Grade with Coloured Laminate:</b> |                                                                             |     |     |      |      |
| Yellow                                                                                          | ORALITE® 5061-020 Transparent Film and ORALITE® 5095 Anti-Graffiti Film     | CR2 | RA2 | pass | pass |
| Red                                                                                             | ORALITE® 5061-030 Transparent Film and ORALITE® 5095 Anti-Graffiti Film     | CR2 | RA2 | pass | pass |
| Blue                                                                                            | ORALITE® 5061-050 Transparent Film and ORALITE® 5095 Anti-Graffiti Film     | CR2 | RA2 | pass | pass |
| <b>Dyed Retroreflective Sheeting ORALITE® 5810 High Intensity Grade with Lettering Film:</b>    |                                                                             |     |     |      |      |
| Black                                                                                           | ORALITE® 5081-070 Lettering Film and ORALITE® 5095 Anti-Graffiti Film       | NR1 | -   | pass | pass |
| External illumination:                                                                          |                                                                             |     |     |      |      |
| mean illuminance,                                                                               |                                                                             |     |     | NPD  |      |
| uniformity of illuminance                                                                       |                                                                             |     |     | NPD  |      |

**Annex 2**
**TECHNICAL BASIS**

| Accredited Laboratory | Report no.                                                                                                                                                                                                                                                                                                                                                                                                        | Date                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| None                  | <p>Infra Group<br/>Calculation of minor traffic signs (ITC)<br/>Shapes and sizes for signs with protection<br/>edge mounted on brackets made of an<br/>extruded aluminium profile.</p> <p>Orafol Retroreflective Sheeting Oralite®<br/>5710 Engineering grade:<br/>0913-CPD-2009/001<br/>Annex</p> <p>Orafol Retroreflective Sheeting Oralite®<br/>5810 High Intensity grade:<br/>0913-CPD-2009/035<br/>Annex</p> | <p>December 2020, rev. 4</p> <p>2009-03-17<br/>2018-02-28</p> <p>2012-06-27<br/>2018-02-28</p> |

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. 15. december 2020

Christian Daluiso, Adm. Direktør