

#### **CERTIFICATE OF CONSTANCY OF PERFORMANCE**

Issued by DBI Certification, notified body No. 2531.

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

#### Gallow Type LG Fixed vertical road traffic signs (ZA.6) Scope: The product fulfils the essential characteristic: See Annex 1 Intended use: Complete assemblies of fixed vertical road traffic signs. The signs and gallows are intended for mounting at ground level Placed on the market under the name or trade mark of: Infra Group Danmark ApS Højgårdsvej 11 5750 Ringe Denmark and produced in the manufacturing plant: CPA30005 This attests that all provisions concerning the performance described in Annex ZA of the standard(s) EN 12899-1:2007 Fixed, vertical road traffic signs - Part 1: Fixed signs :

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

#### CONSTANCY OF PERFORMANCE OF THE CONSTRUCTION PRODUCT.

This certificate was first issued on 2018-03-07 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The attached annexes form part of this certificate.

Date of issue: 2024-04-26

(This certificate supersedes the previous version of this certificate issued 2019-08-22)

Merete Poulsen Responsible for evaluation

Lene Skovbjerg Responsible for certification decision

The certificate shall be reproduced in extenso – extracts only with written permission from DBI Certification A/S.

DBI Certification A/S Jernholmen 12, 2650 Hvidovre Tlf.: 36 34 90 90

E-mail: info@dbicertification.dk www.dbicertification.dk

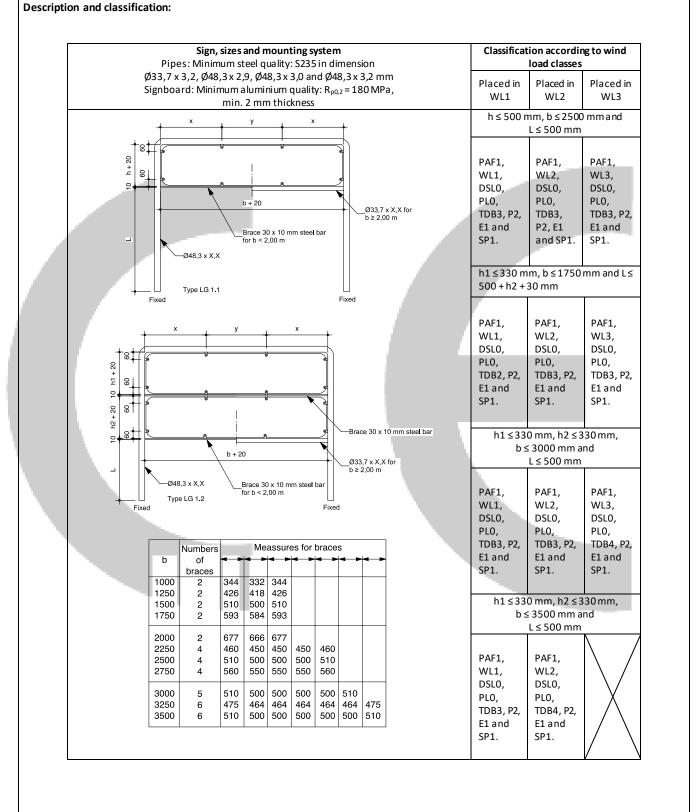


Version 2022-10-10 Page **1** of **12** 



Annex 1

EXTENT



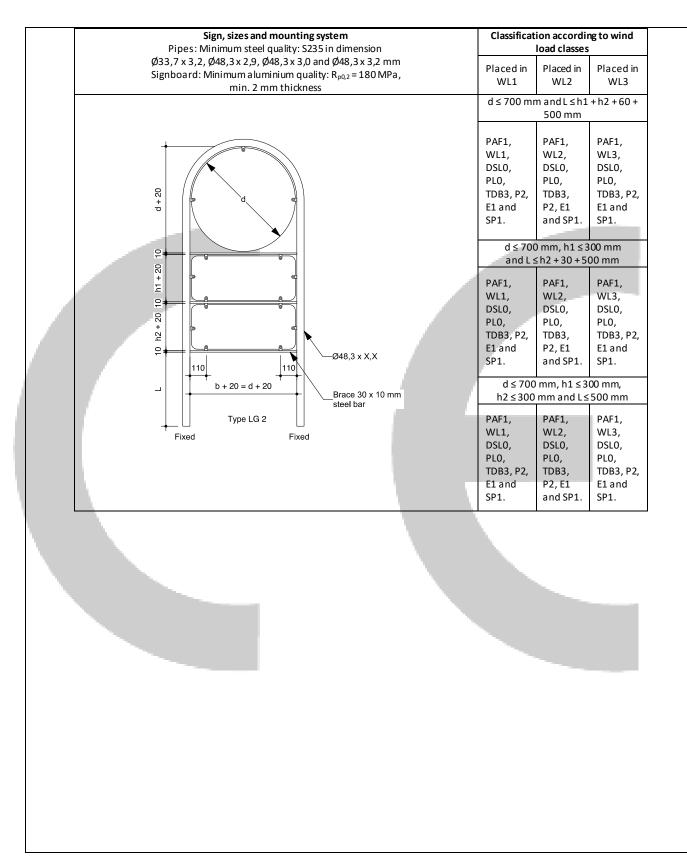
The certificate shall be reproduced in extenso – extracts only with written permission from DBI Certification A/S.



DBI Certification A/S Jernholmen 12, 2650 Hvidovre Tlf.: 36 34 90 90

E-mail: info@dbicertification.dk www.dbicertification.dk





The certificate shall be reproduced in extenso – extracts only with written permission from DBI Certification A/S.

DBI Certification A/S

Jernholmen 12, 2650 Hvidovre Tlf.: 36 34 90 90 E-mail: info@dbicertification.dk www.dbicertification.dk



Version 2022-10-10 Page **3** of **12** 



| Pipes: Minimum  | e <b>s and mounting system</b><br>I steel quality: S235 in dimension  | Classificat  | tion accordi<br>load classes   |  |
|---|---|--|--|--|
| Signboard: Minimum                                      | 2,9, Ø48,3 x 3,0 and Ø48,3 x 3,2 mm<br>n aluminium quality: R <sub>p0,2</sub> = 180 MPa,<br>n. 2 mm thickness | Placed in<br>WL1   | Placed in<br>WL2   | Placed in<br>WL3   |
|   |   |  | nm, b ≤ 700<br>h3 + 60 + 50  |  |
| 10 h2 +20 10 h1 + 20                                    |   | PAF1,<br>WL1,<br>DSL0,<br>PL0,<br>TDB3, P2,<br>E1 and<br>SP1.<br>h1 ≤ 70 | PAF1,<br>WL2,<br>DSL0,<br>PL0,<br>TDB3,<br>P2, E1<br>and SP1.<br>0 mm, h2 ≤ 1<br>b ≤ 700 mm<br>≤ h3 + 30 + 5<br>PAF1,<br>WL2,<br>DSL0,<br>PL0, | PAF1,<br>WL3,<br>DSL0,<br>PL0,<br>TDB4, P2,<br>E1 and<br>SP1.<br>300 mm, |
|   | Brace 30 x 10 mm<br>steel bar   | h3 ≤ 31<br>a<br>PAF1,  | TDB3,<br>P2, E1<br>and SP1.<br>0 mm, h2 ≤ .<br>00 mm, b ≤ 7<br>nd L ≤ 500 m  | 700 mm<br>1m<br>PAF1,  |
| Fixed   | L<br>Fixed  | WL1,<br>DSL0,<br>PL0,<br>TDB3, P2,<br>E1 and<br>SP1.                     | WL2,<br>DSL0,<br>PL0,<br>TDB3,<br>P2, E1<br>and SP1.   | WL3,<br>DSL0,<br>PL0,<br>TDB4, P2,<br>E1 and<br>SP1.                     |
| Resistance to horizontal loads                          |   | NPD  |  |  |
| Resistance to bending                                   |   | NPD  |  |  |
| Resistance to torsion                                   |   | NPD  | -  |  |
| Fixings:  |   | Pass.  |  |  |
| Ŭ   |   | M6 Screws, nu<br>MPa<br>Pressure force<br>2 kN                           |  | -  |
| Temporary deflection (supports)<br>-bending<br>-torsion |   | NPD  |  |  |
| Permanent deflection                                    |   | NPD  |  |  |
| Performance under vehicle impact                        |   | NPD  |  |  |
|   |   |  |  |  |
| ORALITE <sup>©</sup> 5710 Engineering Grade:            |   |  |  |  |

DBI Certification A/S Jernholmen 12, 2650 Hvidovre Tlf.: 36 34 90 90

E-mail: info@dbicertification.dk www.dbicertification.dk PROD Reg.nr.7023

Version 2022-10-10 Page **4** of **12** 



| Colour  | Name of product  | Visibility chara         | cteristics          | Durability    |              |
|---|--|--------------------------|---------------------|---------------|--------------|
|   |  | Daylight                 | Coefficient of      | Impact        | Resistance t |
|   |  | Chromaticity             | retroreflection     | resistance    | weathering   |
|   |  | & luminance              | 4.1.1.4             | 4.1.2.        | 4.1.1.5.     |
|   |  | factor 4.1.1.3.          |                     |               | Forblack     |
|   |  | Forblack                 |                     |               | colours:     |
|   |  | colours:                 |                     |               | 7.2.2.1.4    |
|   |  | 7.2.2.1.3                |                     |               |              |
| White   | ORALITE <sup>©</sup> 5710-010 Engineering Grade                                | CR2                      | RA1                 | pass          | pass         |
| Yellow  | ORALITE <sup>©</sup> 5710-020 Engineering Grade                                | CR2                      | RA1                 | pass          | pass         |
| Red   | ORALITE <sup>©</sup> 5710-030 Engineering Grade                                | CR2                      | RA1                 | pass          | pass         |
| Blue  | ORALITE <sup>©</sup> 5710-050 Engineering Grade                                | CR2                      | RA1                 | pass          | pass         |
| Green   | ORALITE <sup>®</sup> 5710-060 Engineering Grade                                | CR2                      | RA1                 | pass          | pass         |
| Orange  | ORALITE <sup>®</sup> 5710-035 Engineering Grade                                | CR1                      | RA1<br>RA1          | pass          | pass         |
| -   |  |                          |                     |               |              |
| Brown   | ORALITE <sup>©</sup> 5710-080 Engineering Grade                                | CR2                      | RA1                 | pass          | pass         |
| Retrorefle  | ctive sheeting ORALITE <sup>®</sup> 5710 engineering Grade v                   | with the following Lette | ring Film:          |               |              |
| Black   | ORALITE <sup>©</sup> 5071-070 Lettering Film                                   | NR1                      | -                   | pass          | pass         |
| BIUCK   | Constite Solt Old Lettering Film   |                          |                     | hass          | l hass       |
| Potrorofio  | ctive sheeting ORALITE <sup>®</sup> 5710 engineering Grade v                   | with the following scree | n printing colours  | on white retr | oroflactiva  |
| sheeting:   | cuve sheeting ONALITE ' 5710 engineering Orade v                               | with the following scree | in printing colours | on white let  | Grenective   |
| Yellow  | ORALITE <sup>©</sup> 5018-020 Screen Printing ink                              | CR2                      | RA1                 | <b>D</b> 266  | 2250         |
| Red   |  | CR2                      | RA1                 | pass          | pass         |
|   | ORALITE® 5018-030 Screen Printing ink  |                          |                     | pass          | pass         |
| blue  | ORALITE® 5018-050 Screen Printing ink  | CR2                      | RA1                 | pass          | pass         |
| Green   | ORALITE <sup>©</sup> 5018-060 Screen Printing ink                              | CR2                      | RA1                 | pass          | pass         |
| Black   | ORALITE <sup>©</sup> 5018-070 Screen Printing ink                              | NR1                      | -                   | pass          | pass         |
|   | ctive sheeting ORALITE <sup>®</sup> 5710 engineering Grade v                   | with the following scree | en printing colours | on yellow ret | roreflective |
| sheeting:<br>Red  | ORALITE <sup>©</sup> 5018-030 Screen Printing ink                              | CR2                      | en printing colours | on yellow ret | pass         |
| sheeting:   |  |                          |                     |               | 1            |
| sheeting:<br>Red  | ORALITE <sup>©</sup> 5018-030 Screen Printing ink                              | CR2                      |                     | pass          | pass         |
| sheeting:<br>Red  | ORALITE <sup>©</sup> 5018-030 Screen Printing ink                              | CR2                      |                     | pass          | pass         |
| sheeting:<br>Red  | ORALITE <sup>©</sup> 5018-030 Screen Printing ink                              | CR2                      |                     | pass          | pass         |
| sheeting:<br>Red  | ORALITE <sup>©</sup> 5018-030 Screen Printing ink                              | CR2                      |                     | pass          | pass         |
| sheeting:<br>Red  | ORALITE <sup>©</sup> 5018-030 Screen Printing ink                              | CR2                      |                     | pass          | pass         |
| sheeting:<br>Red  | ORALITE <sup>©</sup> 5018-030 Screen Printing ink                              | CR2                      |                     | pass          | pass         |
| sheeting:<br>Red  | ORALITE <sup>©</sup> 5018-030 Screen Printing ink                              | CR2                      |                     | pass          | pass         |
| sheeting:<br>Red  | ORALITE <sup>©</sup> 5018-030 Screen Printing ink                              | CR2                      |                     | pass          | pass         |
| sheeting:<br>Red  | ORALITE <sup>©</sup> 5018-030 Screen Printing ink                              | CR2                      |                     | pass          | pass         |
| sheeting:<br>Red  | ORALITE <sup>©</sup> 5018-030 Screen Printing ink                              | CR2                      |                     | pass          | pass         |
| sheeting:<br>Red<br>Black   | ORALITE® 5018-030 Screen Printing ink<br>ORALITE® 5018-070 Screen Printing ink | CR2                      |                     | pass          | pass         |
| sheeting:<br>Red<br>Black   | ORALITE® 5018-030 Screen Printing ink<br>ORALITE® 5018-070 Screen Printing ink | CR2<br>NR1               | RA1<br>-            | pass<br>pass  | pass<br>pass |
| sheeting:<br>Red<br>Black   | ORALITE® 5018-030 Screen Printing ink<br>ORALITE® 5018-070 Screen Printing ink | CR2<br>NR1               | RA1<br>-            | pass<br>pass  | pass<br>pass |
| sheeting:<br>Red<br>Black<br>Digital prin<br>The digita             | ORALITE® 5018-030 Screen Printing ink<br>ORALITE® 5018-070 Screen Printing ink | CR2<br>NR1               | RA1<br>-            | pass<br>pass  | pass<br>pass |
| sheeting:<br>Red<br>Black<br>Digital prin<br>The digita<br>Speed-UV | ORALITE® 5018-030 Screen Printing ink<br>ORALITE® 5018-070 Screen Printing ink | CR2<br>NR1               | RA1<br>-            | pass<br>pass  | pass<br>pass |

- extracts only with written permission from DBI Certification A/S.



DBI Certification A/S

Jernholmen 12, 2650 Hvidovre Tlf.: 36 34 90 90 E-mail: info@dbicertification.dk www.dbicertification.dk Version 2022-10-10 Page **5** of **12** 



| On white  | ORALITE <sup>©</sup> 5710-010 Engineering Grade   |   |                     |                            |  |
|---|---|---|---------------------|----------------------------|--|
| sheeting  | and   |   |                     |                            |  |
| White   | ORALITE <sup>©</sup> 5062-000 Transparent Film  | CR2   | RA1                 | pass                       | pass   |
| Yellow  | ORALITE <sup>©</sup> 5019-020 UV Digital Printing Ink and ORALITE <sup>©</sup> 5062-000 Transparent Film  | CR2   | RA1                 | pass                       | pass   |
| Red   | ORALITE <sup>©</sup> 5019-030 UV Digital Printing Ink and ORALITE <sup>©</sup> 5062-000 Transparent Film  | CR2   | RA1                 | pass                       | pass   |
| Blue  | ORALITE <sup>©</sup> 5019-050 UV Digital Printing Ink and ORALITE <sup>©</sup> 5062-000 Transparent Film  | CR2   | RA1                 | pass                       | pass   |
| Green   | ORALITE <sup>©</sup> 5019-060 UV Digital Printing Ink and<br>ORALITE <sup>©</sup> 5062-000 Transparent Film   | CR2   | RA1                 | pass                       | pass   |
| Grey  | ORALITE <sup>©</sup> 5019-625 UV Digital Printing Ink and<br>ORALITE <sup>©</sup> 5062-000 Transparent Film   | CR2   | RA1                 | pass                       | pass   |
| Black   | ORALITE <sup>®</sup> 5019-070 UV Digital Printing Ink and<br>ORALITE <sup>®</sup> 5062-000 Transparent Film   | NR1   | -                   | pass                       | pass   |
| If the colo   | ur black is printed solely, this material combination is a  | dmitted to be used                                  | without the trans   | l<br>parent laminat        | ie in the second |
| Black   | ORALITE <sup>®</sup> 5019-070 UV Digital Printing Ink   | NR1   | -                   | pass                       | pass   |
|   |   |   |                     |                            |  |
|   | ting colour ORALITE <sup>®</sup> 5019i UV Digital Printing Ink  |   |                     |                            | 1  |
| On white  | ORALITE <sup>©</sup> 5710-010 Engineering Grade   |   |                     |                            |  |
| sheeting  | and   |   |                     |                            |  |
| White   | ORALITE <sup>©</sup> 5062-000 Transparent Film  | CR2   | RA1                 | pass                       | pass   |
| Yellow  | ORALITE <sup>©</sup> 5019i -020 UV Digital Printing Ink and ORALITE <sup>©</sup> 5062-000 Transparent Film  | CR2   | RA1                 | pass                       | pass   |
| Red   | ORALITE® 5002-000 Transparent Film<br>ORALITE® 5019i-030 UV Digital Printing Ink and  | -   |                     |                            |  |
| neu   | ORALITE <sup>®</sup> 5062-000 Transparent Film  | CR2   | RA1                 | pass                       | pass   |
| Blue  | ORALITE <sup>®</sup> 5019i-050 UV Digital Printing Inkand   |   |                     |                            |  |
| brue  | ORALITE <sup>©</sup> 5062-000 Transparent Film  | CR2   | RA1                 | pass                       | pass   |
| Green   | ORALITE <sup>©</sup> 5019i-060 UV Digital Printing Ink and  | 60.2  | D A 4               |                            |  |
|   | ORALITE <sup>©</sup> 5062-000 Transparent Film  | CR2   | RA1                 | pass                       | pass   |
| Orange  | ORALITE <sup>©</sup> 5019i -035 UV Digital Printing Ink and ORALITE <sup>©</sup> 5062-000 Transparent Film  | CR1   | RA1                 | pass                       | pass   |
| Brown   | ORALITE <sup>©</sup> 5019i -080 UV Digital Printing Ink and ORALITE <sup>©</sup> 5062-000 Transparent Film  | CR2   | RA1                 | pass                       | pass   |
| Black   | ORALITE <sup>©</sup> 5019i -070 UV Digital Printing Ink and ORALITE <sup>©</sup> 5062-000 Transparent Film  | NR1   |                     | pass                       | pass   |
| Clearprot<br><b>Anti-Graffi</b><br>The origin<br>protective | ective overlay film:<br>ective overlay films (Anti-Graffiti) are a lways admitted<br>iti:<br>aldyed retrore flective s heeting with the screen-printin<br>e overlay film ORALITE® 5095 Anti-Graffitti Film for the<br>yed retroreflective sheeting ORALITE® 5710 Enginering | g ORALITE <sup>©</sup> 5018 i<br>following colours: | s accepted to be la | minated with t             |  |
| Red   | ORALITE <sup>©</sup> 5018-030 Screen Printing Ink and   |   |                     |                            |  |
|   | ORALITE <sup>©</sup> 5095 Anti-Graffiti Film  | CR2   | RA1                 | pass                       | pass   |
| Blue  | ORALITE <sup>©</sup> 5018-050 Screen Printing Inkand<br>ORALITE <sup>©</sup> 5095 Anti-Graffiti Film  | CR2   | RA1                 | pass                       | pass   |
|   | ORALITE <sup>©</sup> 5018-070 Screen Printing Ink and   | NR1   | -                   | pass                       | pass   |
| Black   | ORALITE <sup>©</sup> 5095 Anti -Graffiti Film   |   |                     |                            |  |
| ORALITE®  | ORALITE® 5095 Anti-Graffiti Film   5810 High Intensity Grade:   ctive sheeting ORALITE® 5810 High Intensity Grade wi   Name of product  | th the following or<br>Visibility chara<br>Daylight |                     | s:<br>Durability<br>Impact | Resistance   |

The certificate shall be reproduced in extenso

– extracts only with written permission from DBI Certification A/S.



Jernholmen 12, 2650 Hvidovre Tlf.: 36 34 90 90 E-mail: info@dbicertification.dk www.dbicertification.dk Version 2022-10-10 Page **6** of **12** 



|   |   | Forblack  |                   |                 | Forblack        |
|---|---|---|-------------------|-----------------|-----------------|
|   |   | colours:  |                   |                 | colours:        |
|   |   | 7.2.2.1.3   |                   |                 | 7.2.2.1.4       |
| White   | ORALITE <sup>©</sup> 5810-010 High Intensity Grade  | CR2   | RA2               | pass            | pass            |
| Yellow  | ORALITE <sup>©</sup> 5810-020 High Intensity Grade  | CR2   | RA2               | pass            | pass            |
| Red   | ORALITE <sup>©</sup> 5810-030 High Intensity Grade  | CR2   | RA2               | pass            | pass            |
| Blue  | ORALITE <sup>©</sup> 5810-050 High Intensity Grade  | CR2   | RA2               | pass            | pass            |
| Green   | ORALITE <sup>©</sup> 5810-060 High Intensity Grade  | CR2   | RA2               | pass            | pass            |
| Brown   | ORALITE <sup>©</sup> 5810-080 High Intensity Grade  | CR2   | RA2               | pass            | pass            |
| D . t (1 .  |   | and the state of a line state of a state                        |                   |                 |                 |
|   | ctive sheeting ORALITE <sup>©</sup> 5810 High Intensity Grade   |   | tering Film:      |                 |                 |
| Black   | ORALITE <sup>©</sup> 5081-070 Lettering Film  | NR1   | -                 | pass            | pass            |
| Retrorefle  | ctive sheeting ORALITE <sup>©</sup> 5810 High Intensity Grade   | with the following Col  | oured Laminates   | s:              |                 |
| Yellow  | ORALITE <sup>©</sup> 5061-020 Transparent Film  | CR2   | RA2               | pass            | pass            |
| Red   | ORALITE <sup>©</sup> 5061-030 Transparent Film  | CR2   | RA2               | pass            | pass            |
| Blue  | ORALITE <sup>©</sup> 5061-050 Transparent Film  | CR2   | RA2               | pass            | pass            |
| Green   | ORALITE <sup>©</sup> 5061-060 Transparent Film  | CR2   | RA2               | pass            | pass            |
| Brown   | ORALITE <sup>©</sup> 5061-080 Transparent Film  | CR2   | RA2               | pass            | pass            |
| Dark  | ORALITE <sup>©</sup> 5061-625 Transparent Film  | CR1   | RA2               | pass            | pass            |
| Green   |   |   |                   |                 |                 |
|   |   |   |                   |                 |                 |
|   | ctive sheeting ORALITE <sup>©</sup> 5810 High Intensity Grade   | with the following Scr  | een Printing Colo | ours on white r | etroreflective  |
| heeting:  |   | CD 2  | <b>D</b> 4 2      |                 |                 |
| (ellow  | ORALITE® 5018-020 Screen Printing Ink   | CR2   | RA2               | pass            | pass            |
| Red   | ORALITE <sup>©</sup> 5018-030 Screen Printing Ink   | CR2   | RA2               | pass            | pass            |
| Blue  | ORALITE <sup>©</sup> 5018-050 Screen Printing Ink   | CR2   | RA2               | pass            | pass            |
| Green   | ORALITE <sup>©</sup> 5018-060 Screen Printing Ink   | CR2   | RA2               | pass            | pass            |
| Black   | ORALITE <sup>©</sup> 5018-070 Screen Printing Ink   | NR1   | -                 | pass            | pass            |
| Retrorefle<br>sheeting:   | ctive sheeting ORALITE <sup>©</sup> 5810 High Intensity Grade   | with the following Scr  | een Printing Colo | ours on yellow  | retroreflective |
| Red   | ORALITE <sup>©</sup> 5018-030 Screen Printing Ink   | CR2   | RA1               | pass            | pass            |
|   |   |   |                   | pass            | pass            |
|   | ORALITE <sup>©</sup> 5018-070 Screen Printing Ink   | NR1   |                   |                 |                 |
|   | ORALITE <sup>©</sup> 5018-070 Screen Printing Ink   | NR1   |                   |                 |                 |
|   | ORALITE <sup>©</sup> 5018-070 Screen Printing Ink   | NR1   |                   |                 |                 |
|   | ORALITE <sup>©</sup> 5018-070 Screen Printing Ink   | NR1   |                   |                 | 1 P             |
|   | ORALITE <sup>©</sup> 5018-070 Screen Printing Ink   | NR1   |                   |                 |                 |
|   | ORALITE <sup>©</sup> 5018-070 Screen Printing Ink   | NR1   |                   |                 |                 |
|   | ORALITE <sup>©</sup> 5018-070 Screen Printing Ink   | NR1   |                   |                 |                 |
|   | ORALITE <sup>©</sup> 5018-070 Screen Printing Ink   | NR1   |                   |                 |                 |
|   | ORALITE <sup>©</sup> 5018-070 Screen Printing Ink   | NR1   |                   |                 |                 |
|   | ORALITE <sup>©</sup> 5018-070 Screen Printing Ink   | NR1   |                   |                 |                 |
|   | ORALITE <sup>©</sup> 5018-070 Screen Printing Ink   | NR1   |                   |                 |                 |
|   | ORALITE <sup>©</sup> 5018-070 Screen Printing Ink   | NR1   |                   |                 |                 |
|   | ORALITE <sup>©</sup> 5018-070 Screen Printing Ink   | NR1   |                   |                 |                 |
|   | ORALITE <sup>®</sup> 5018-070 Screen Printing Ink   | NR1   |                   |                 |                 |
| Black   |   | <u>NR1</u>  |                   |                 |                 |
| Black   | nting Colours:  | <u>NR1</u>  |                   |                 |                 |
| Black<br>Digital Prin<br>Digital Prin   | nting Colours:<br>nting Colour ORALITE <sup>®</sup> 5019 UV Digital Printing Ink  |   |                   |                 |                 |
| Digital Prin<br>Digital Prin<br>Digital Prin<br>The digita  | nting Colours:<br>nting Colour ORALITE® 5019 UV Digital Printing Ink<br>I printing is processed on white retroreflective sheet  | ing with the digital prir                                       | nting system AGF  | A ANAPURNA N    |                 |
| Digital Prin<br>Digital Prin<br>Digital Prin<br>The digita<br>Speed-UV  | nting Colours:<br>nting Colours:<br>nting Colour ORALITE® 5019 UV Digital Printing Ink<br>I printing is processed on white retroreflective sheet<br>-Inkjet-System and is to be laminated with a transpa  | ing with the digital prir<br>rent laminate.                     | nting system AGF  | A ANAPURNA N    |                 |
| Digital Prir<br>Digital Prir<br>Digital Prir<br>The digita<br>Speed-UV<br>Digital Prir                                  | nting Colours:<br>nting Colours:<br>nting Colour ORALITE® 5019 UV Digital Printing Ink<br>I printing is processed on white retroreflective sheet<br>-Inkjet-System and is to be laminated with a transpa<br>nting with protective laminate ORALITE® 5061-000  | ing with the digital prir<br>rent laminate.                     | nting system AGF  | A ANAPURNA N    |                 |
| Digital Prin<br>Digital Prin<br>Digital Prin<br>The digita<br>Speed-UV<br>Digital Prin<br>On white                      | nting Colours:<br>nting Colour ORALITE <sup>®</sup> 5019 UV Digital Printing Ink<br>I printing is processed on white retroreflective sheet<br>-Inkjet-System and is to be laminated with a transpa<br>nting with protective laminate ORALITE <sup>®</sup> 5061-000<br>ORALITE <sup>®</sup> 5810-010 High Intensity Grade                            | ing with the digital prir<br>rent laminate.                     | nting system AGF  | A ANAPURNA N    |                 |
| Digital Prin<br>Digital Prin<br>Digital Prin<br>The digita<br>Speed-UV<br>Digital Prin<br>On white<br>sheeting          | nting Colours:<br>nting Colours:<br>nting Colour ORALITE® 5019 UV Digital Printing Ink<br>I printing is processed on white retroreflective sheet<br>-Inkjet-System and is to be laminated with a transpa<br>nting with protective laminate ORALITE® 5061-000<br>ORALITE® 5810-010 High Intensity Grade<br>and                                       | ing with the digital prir<br>rent laminate.<br>Transparent Film |                   | 1               | л2050 High-     |
| Black<br>Digital Prin<br>Digital Prin<br>The digita<br>Speed-UV   | nting Colours:<br>nting Colours:<br>nting Colour ORALITE® 5019 UV Digital Printing Ink<br>I printing is processed on white retroreflective sheet<br>-inkjet-System and is to be laminated with a transpa<br>nting with protective laminate ORALITE® 5061-000<br>ORALITE® 5810-010 High Intensity Grade<br>and<br>ORALITE® 5061-000 Transparent Film | ing with the digital prir<br>rent laminate.                     | nting system AGF  | FA ANAPURNA N   |                 |
| Black<br>Digital Prin<br>Digital Prin<br>Digital Prin<br>The digita<br>Speed-UV<br>Digital Prin<br>On white<br>sheeting | nting Colours:<br>nting Colours:<br>nting Colour ORALITE® 5019 UV Digital Printing Ink<br>I printing is processed on white retroreflective sheet<br>-Inkjet-System and is to be laminated with a transpa<br>nting with protective laminate ORALITE® 5061-000<br>ORALITE® 5810-010 High Intensity Grade<br>and                                       | ing with the digital prir<br>rent laminate.<br>Transparent Film |                   | 1               | л2050 High-     |

The certificate shall be reproduced in extenso

– extracts only with written permission from DBI Certification A/S.



Jernholmen 12, 2650 Hvidovre Tlf.: 36 34 90 90 E-mail: info@dbicertification.dk www.dbicertification.dk Version 2022-10-10 Page **7** of **12** 



| Red             | ORALITE <sup>©</sup> 5019-030 UV Digital Printing Ink and<br>ORALITE <sup>©</sup> 5061-000 Transparent Film   | CR2            | RA2         | pass | pass         |
|-----------------|---|----------------|-------------|------|--------------|
| Blue            | ORALITE® 5019-050 UV Digital Printing Ink and   | CR2            | RA2         | pass | pass         |
| Green           | ORALITE <sup>©</sup> 5061-000 Transparent Film<br>ORALITE <sup>©</sup> 5019-060 UV Digital Printing Inkand  | CR2            | RA2         | pass | pass         |
| Green           | ORALITE <sup>©</sup> 5061-000 Transparent Film<br>ORALITE <sup>©</sup> 5019-080 UV Digital Printing Inkand  |                |             | P033 |              |
| Brown           | ORALITE <sup>©</sup> 5061-000 Transparent Film  | CR2            | RA2         | pass | pass         |
| Dark<br>Green   | ORALITE <sup>©</sup> 5019-625 UV Digital Printing Ink and ORALITE <sup>©</sup> 5061-000 Transparent Film  | CR2            | RA2         | pass | pass         |
| Grey            | ORALITE <sup>©</sup> 5019-073 UV Digital Printing Ink and ORALITE <sup>©</sup> 5061-000 Transparent Film  | CR2            | RA2*        | pass | pass         |
| *Coefficie      | nt of retroreflection: Value for printed colours 70% of R   | A2             |             |      |              |
| Black           | ORALITE <sup>©</sup> 5019-070 UV Digital Printing Ink and ORALITE <sup>©</sup> 5061-000 Transparent Film  | NR1            |             | pass | pass         |
|                 | CRALITE 5001-000 Hansparent Him   |                |             |      |              |
| Digital Prin    | ting with protective laminate ORALITE <sup>®</sup> 5090 Anti-De   | w Film:        |             |      |              |
| On white        | ORALITE <sup>©</sup> 5810-010 High Intensity Gra de   |                |             |      |              |
| sheeting        | and   |                |             |      |              |
| White           | ORALITE <sup>©</sup> 5090 Anti-Dew Film   | CR2            | RA2         | pass | pass         |
| Yellow          | ORALITE <sup>©</sup> 5019-020 UV Digital Printing Ink and ORALITE <sup>©</sup> 5090 Anti-Dew Film   | CR2            | RA2         | pass | pass         |
| Red             | ORALITE <sup>©</sup> 5019-030 UV Digital Printing Ink and ORALITE <sup>©</sup> 5090 Anti-Dew Film   | CR2            | RA2         | pass | pass         |
| Blue            | ORALITE <sup>©</sup> 5019-050 UV Digital Printing Ink and ORALITE <sup>©</sup> 5090 Anti-Dew Film   | CR2            | RA2*        | pass | pass         |
| Green           | ORALITE <sup>©</sup> 5019-060 UV Digital Printing Ink and<br>ORALITE <sup>©</sup> 5090 Anti-Dew Film  | CR2            | RA2*        | pass | pass         |
| Brown           | ORALITE <sup>©</sup> 5019-080 UV Digital Printing Ink and   | CR2            | RA2         | pass | pass         |
| Dark            | ORALITE <sup>®</sup> 5090 Anti-Dew Film<br>ORALITE <sup>®</sup> 5019-625 UV Digital Printing Ink and  | CR2            | RA2         | pass | pass         |
| Green<br>Grey   | ORALITE <sup>©</sup> 5090 Anti-Dew Film<br>ORALITE <sup>©</sup> 5019-073 UV Digital Printing Ink and  | CR2            | RA2         | pass | pass         |
|                 | ORALITE <sup>©</sup> 5090 Anti-Dew Film   |                |             |      |              |
| *Coeffici       | ient of retroreflection: Value for printed colo   | urs 70% of RA2 |             |      |              |
| Black           | ORALITE <sup>©</sup> 5019-070 UV Digital Printing Ink and ORALITE <sup>©</sup> 5090 Anti-Dew Film   | NR1            | -           | pass | pass         |
|                 |   |                |             |      |              |
|                 |   |                | 1.0         |      |              |
|                 |   |                |             |      |              |
|                 |   |                |             |      |              |
|                 |   |                |             |      |              |
|                 |   |                |             |      |              |
|                 |   |                |             |      |              |
| <b></b>         |   | (f)            |             |      |              |
| -               | ting with protective laminate ORALITE <sup>®</sup> 5095 Anti-Gra  | attiti Film:   |             |      |              |
| On white        | ORALITE <sup>©</sup> 5810-010 High Intensity Grade  |                |             |      |              |
| sheeting        | and<br>ORALITE <sup>©</sup> 5095 Anti - Graffitti Film  | CR2            | RA2         | nass | nass         |
| White           | ORALITE® 5095 Anti-Granitu Film<br>ORALITE® 5019-020 UV Digital Printing Ink and  |                |             | pass | pass         |
| White           |   | CR2            | RA2         | pass | pass         |
| White<br>Yellow | ORALITE <sup>®</sup> 5095 Anti-Graffiti Film  | CITZ           |             | •    |              |
|                 | ORALITE <sup>©</sup> 5095 Anti-Graffiti Film<br>ORALITE <sup>©</sup> 5019-030 UV Digital Printing Ink and<br>ORALITE <sup>©</sup> 5095 Anti-Graffiti Film | CR2            | RA2         | pass | pass         |
| Yellow          | ORALITE <sup>©</sup> 5095 Anti-Graffiti Film<br>ORALITE <sup>©</sup> 5019-030 UV Digital Printing Ink and   |                | RA2<br>RA2* |      | pass<br>pass |

The certificate shall be reproduced in extenso

– extracts only with written permission from DBI Certification A/S.



DBI Certification A/S Jernholmen 12, 2650 Hvidovre Tlf.: 36 34 90 90

E-mail: info@dbicertification.dk www.dbicertification.dk Version 2022-10-10 Page **8** of **12** 



|             | ORALITE <sup>©</sup> 5019-080 UV Digital Printing Ink and  |                      |                   |                    |               |
|-------------|--|----------------------|-------------------|--------------------|---------------|
| Brown       | ORALITE <sup>©</sup> 5095 Anti-Graffiti Film   | CR2                  | RA2               | pass               | pass          |
|             | ORALITE <sup>©</sup> 5019-073 UV Digital Printing Ink and  |                      |                   |                    |               |
| Grey        | ORALITE <sup>©</sup> 5095 Anti-Graffiti Film   | CR2                  | RA2               | pass               | pass          |
| *Coefficie  | nt of retrorefelction: Value for printed colours 70% of RA   | 42                   |                   |                    |               |
|             | ORALITE <sup>©</sup> 5019-070 UV Digital Printing Ink and  |                      |                   |                    |               |
| Black       | ORALITE <sup>©</sup> 5095 Anti-Graffiti Film   | NR1                  | -                 | pass               | pass          |
| If the colo | ur Black is printed solely, this material combination is a c   | dmitted to be used   | without the trans | parent laminate    | <u>)</u>      |
| Black       | ORALITE <sup>©</sup> 5019-070 UV Digital Printing Ink  | NR1                  | -                 | pass               | pass          |
|             |  |                      |                   | P                  | 10000         |
|             | ting Colour ORALITE <sup>®</sup> 5019i UV Digital Printing Ink:<br>printing is processed on white retroreflective sheeting | with the digital pri | nting system AGF. | A ANAPURNA M2      | 2050 High-    |
| •           | -Inkjet-System and is to be laminated with the transpare<br>5061-000 Transparent Film                                      | ent laminate         |                   |                    |               |
| On white    | ORALITE <sup>©</sup> 5810-010 High Intensity Grade   |                      |                   |                    |               |
| sheeting    | and  |                      |                   |                    |               |
| White       | ORALITE <sup>©</sup> 5061-000 Transparent Film   | CR2                  | RA2               | pass               | pass          |
|             | ORALITE <sup>©</sup> 5019i -020 UV Digital Printing Ink and  | 65.2                 | D.4.2             |                    |               |
| Yellow      | ORALITE <sup>©</sup> 5061-000 Transparent Film   | CR2                  | RA2               | pass               | pass          |
| Dec.4       | ORALITE <sup>©</sup> 5019i-030 UV Digital Printing Ink and   | 65.2                 | D.4.2             |                    |               |
| Red         | ORALITE <sup>©</sup> 5061-000 Transparent Film   | CR2                  | RA2               | pass               | pass          |
| D'          | ORALITE <sup>©</sup> 5019i-050 UV Digital Printing Inkand  |                      | 2.42              |                    |               |
| Blue        | ORALITE <sup>©</sup> 5061-000 Transparent Film   | CR2                  | RA2               | pass               | pass          |
| 6           | ORALITE <sup>©</sup> 5019i-060 UV Digital Printing Ink and   | 65.2                 | <b>D</b> 12       |                    |               |
| Green       | ORALITE <sup>©</sup> 5061-000 Transparent Film   | CR2                  | RA2               | pass               | pass          |
| _           | ORALITE <sup>©</sup> 5019i -080 UV Digital Printing Inkand   |                      |                   |                    |               |
| Brown       | ORALITE <sup>©</sup> 5061-000 Transparent Film   | CR2                  | RA2               | pass               | pass          |
| Dark        | ORALITE <sup>©</sup> 5019i-625 UV Digital Printing Inkand  | 07.0                 |                   |                    |               |
| Green       | ORALITE <sup>©</sup> 5061-000 Transparent Film   | CR2                  | RA2               | pass               | pass          |
|             | ORALITE <sup>©</sup> 5019i-073 UV Digital Printing Inkand  |                      |                   |                    |               |
| Grey        | ORALITE <sup>®</sup> 5061-000 Transparent Film   | CR2                  | RA2               | pass               | pass          |
|             | ORALITE <sup>®</sup> 5019i-070 UV Digital Printing Inkand  |                      |                   |                    |               |
| Black       | ORALITE <sup>©</sup> 5061-000 Transparent Film   | NR1                  | -                 | pass               | pass          |
|             |  |                      |                   |                    |               |
|             |  |                      |                   |                    |               |
|             |  |                      |                   |                    |               |
|             |  |                      |                   |                    |               |
|             |  |                      |                   |                    |               |
|             |  |                      |                   |                    |               |
|             |  |                      |                   |                    |               |
|             |  |                      |                   |                    |               |
|             |  |                      |                   |                    |               |
|             |  |                      |                   |                    |               |
|             |  |                      |                   |                    |               |
|             |  |                      |                   |                    |               |
| Clear overl | ay film with special function:   |                      |                   |                    |               |
|             | lay films with special function (anti-dew and anti-graffit   | i) are always admit  | ted in combinatio | on with a dved sh  | neeting and a |
| colouring   |  | ,                    |                   |                    |               |
| Anti Dew:   | r ·  |                      |                   |                    |               |
|             | sheeting and the combination with coloured laminates is  | s accepted to be n   | rocessed with the | clear overlav filr | n anti -dew   |
|             | RALITE <sup>©</sup> 5090 Andi-Dew film for the following colours:  |                      |                   |                    |               |
|             | preflective Sheeting:  |                      |                   |                    |               |
| 2 jeaneuro  | ORALITE <sup>®</sup> 5810-010 High Intensity Grade   |                      |                   |                    |               |
|             | and ORALITE® 5090 Anti-Dew film  | CR2                  | RA2               | pass               | pass          |
| White       |  |                      |                   |                    |               |
| White       |  | 1                    | RA2               | pass               | pass          |
| Yellow      | ORALITE <sup>©</sup> 5810-020 High Intensity Grade   | CR2                  | RAZ               | puss               |               |
|             | and ORALITE <sup>©</sup> 5090 Anti-Dew film  | CR2                  | RAZ               | puss               |               |
|             | and ORALITE <sup>©</sup> 5090 Anti-Dew film<br>ORALITE <sup>©</sup> 5810-030 High Intensity Grade                          | CR2<br>CR2           | RA2               | pass               | pass          |
| Yellow      | and ORALITE <sup>©</sup> 5090 Anti-Dew film  |                      |                   |                    | •             |

The certificate shall be reproduced in extenso

– extracts only with written permission from DBI Certification A/S.



Tlf.: 36 34 90 90

vre E-mail: info@dbicertification.dk www.dbicertification.dk Version 2022-10-10 Page **9** of **12** 



|             | and ORALITE <sup>©</sup> 5090 Anti-Dew film   |  |   |                    |                |
|-------------|---|--|---|--------------------|----------------|
|             |   |  |   |                    |                |
|             | ofeflective Sheeting ORALITE <sup>®</sup> 5810 High Intensity   | Grade with Coloured                    | Laminate:                                     |                    |                |
| Yellow      | ORALITE <sup>©</sup> 5061-020 Transparent Film  | CR2                                    | RA2   | pass               | pass           |
|             | and ORALITE <sup>©</sup> 5090 Anti-Dew film   |  |   |                    | •              |
| Red         | ORALITE <sup>©</sup> 5061-030 Transparent Film  | CR2                                    | RA2   | pass               | pass           |
| <b>.</b>    | and ORALITE <sup>©</sup> 5090 Anti-Dew film   |  |   |                    | •              |
| Blue        | ORALITE <sup>©</sup> 5061-050 Transparent Film  | CR2                                    | RA2   | pass               | pass           |
|             | and ORALITE <sup>©</sup> 5090 Anti-Dew film   |  |   | '                  | •              |
| Dyed Retr   | oreflective Sheeting ORALITE <sup>©</sup> 5810 High Intensity   | Grade with Lettering                   | g film:                                       |                    |                |
| Black       | ORALITE <sup>©</sup> 5081-070 Lettering Film  | NR1                                    |   | <b>D</b> 266       | nacc           |
| DIACK       | and ORALITE <sup>©</sup> 5090 Anti-Dew film   | NKI                                    | _   | pass               | pass           |
| Anti-Graff  | ii+i-   |  |   | _                  |                |
|             | sheeting and the combination with coloured lamina   | tesis accented to be                   | processed with the                            | clear overlav filr | n with a nti-  |
|             | nction ORALITE <sup>©</sup> 5095 Anti Graffiti Film for the follow  |  | processed with the                            | liear Overlay III  | II WILLIAIILI- |
|             | oreflective Sheeting:   |  |   |                    |                |
|             | ORALITE <sup>®</sup> 5810-010 High Intensity Grade  |  | 1   |                    |                |
| White       | and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film  | CR2                                    | RA2   | pass               | pass           |
|             | ORALITE <sup>©</sup> 5810-020 High Intensity Grade  |  |   |                    |                |
| Yellow      | and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film  | CR2                                    | RA2   | pass               | pass           |
|             | ORALITE <sup>©</sup> 5810-030 High Intensity Grade  |  | CR2 RA2                                       |                    |                |
| Red         | and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film  | 9 5095 Anti-Graffiti Film              | pass  | pass               |                |
|             | ORALITE <sup>©</sup> 5810-050 High Intensity Grade  | OBALITE® 5810-050 High Intensity Grade |   |                    |                |
| Blue        | and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film  | CR2                                    | RA2   | pass               | pass           |
|             | -   |  | ·   |                    |                |
| Dyed Retr   | oreflective Sheeting ORALITE <sup>©</sup> 5810 High Intensity   | Grade with Coloured                    | Laminate:                                     |                    |                |
| /ellow      | ORALITE <sup>©</sup> 5061-020 Transparent Film  | CR2                                    | RA2   | pass               | pass           |
|             | and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film  | CITZ                                   | 10.12   | puss               | puss           |
| Red         | ORALITE <sup>©</sup> 5061-030 Transparent Film  | CR2                                    | RA2   | pass               | pass           |
|             | and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film  | _                                      |   | <b>1</b>           |                |
| Blue        | ORALITE <sup>©</sup> 5061-050 Transparent Film  | CR2                                    | RA2   | pass               | pass           |
|             | and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film  | _                                      |   |                    | •              |
|             |   | Constantial training                   | 51  |                    |                |
|             | oreflective Sheeting ORALITE <sup>®</sup> 5810 High Intensity<br>ORALITE <sup>®</sup> 5081-070 Lettering Film | Grade with Lettering                   | g Film:                                       |                    |                |
| Black       | and ORALITE <sup>®</sup> 5095 Anti-Graffiti Film  | NR1                                    | -   | pass               | pass           |
| _           | and ORALITE® 5095 Anti-Graniti Film   |  |   |                    |                |
|             |   |  |   |                    |                |
|             |   |  |   |                    |                |
|             |   |  |   |                    |                |
| ternal illu | umination:  |  |   |                    |                |
|             | inon co   |  | NDD   |                    |                |
| ean illum   | inance,   |  | NPD   |                    |                |
| iformitu    | ofilluminance   |  |   |                    |                |
| mornity     | ofilluminance   |  | NPD   |                    |                |
|             |   |  | I   |                    |                |
| rrosion r   | esistence   |  |   |                    |                |
| prrosion re | esistence   |  |   |                    |                |
|             |   |  | Minimum \$725                                 |                    |                |
|             |   |  | Minimum S235<br>SP1                           |                    |                |
|             |   |  | SP1   | are after manuf    | acturinghot    |
|             |   |  |   |                    | -              |
| eelpipes    |   |  | SP1<br>The pipe and fins                      |                    | -              |
| e e l pipes |   |  | SP1<br>The pipe and fins                      | a minimum of 60    | -              |
| e e l pipes | and fins  |  | SP1<br>The pipe and fins<br>dip galvanized to | a minimum of 60    | -              |

The certificate shall be reproduced in extenso

- extracts only with written permission from DBI Certification A/S.



E-mail: info@dbicertification.dk www.dbicertification.dk Version 2022-10-10 Page **10** of **12** 



| Aluminiumplate                    | Minimum Rp0,2 ≥180 MPa                    |
|-----------------------------------|---|
| Arummumplate                      |   |
|                                   | SP1                                       |
|                                   | Lacquered Al-plate on exposed side if any |
|                                   |   |
| Resistence to penetration of dust | NPD                                       |
| and water                         |   |
|                                   | The product cannot be provided with       |
|                                   | compartments for electrical equipment     |
|                                   |   |

The certificate shall be reproduced in extenso – extracts only with written permission from DBI Certification A/S.

Tlf.: 36 34 90 90

E-mail: info@dbicertification.dk www.dbicertification.dk



Version 2022-10-10 Page **11** of **12** 



Annex 2

#### TECHNICAL BASIS

| Title  | Date                     |
|--|--------------------------|
|  |                          |
| Infra Group danmark ApS<br>Calculation of minor traffic signs (ITC)  |                          |
| Shapes and sizes for signs mounted in gallows type LG<br>Revision 02   | March 2018               |
| Retroreflective Sheetings 5710 Engineering grade:<br>0913-CPD-2009/001<br>Annex  | 2009-03-17<br>2018-02-23 |
| Re trore flective Sheeting Oralite 5810 High Intensity grade:<br>0913-CPD-2009/035<br>Annex  | 2012-06-27<br>2018-02-23 |
| Addendum to Calculation of minor traffic signs (ITC) Shapes and Sizes for Signs<br>Mounted ingallows Type LG 1 <sup>st</sup> . edition | December 2017            |
|  |                          |
|  |                          |
|  |                          |
|  |                          |

The certificate shall be reproduced in extenso – extracts only with written permission from DBI Certification A/S.



DBI Certification A/S

Jernholmen 12, 2650 Hvidovre Tlf.: 36 34 90 90 E-mail: info@dbicertification.dk www.dbicertification.dk Version 2022-10-10 Page **12** of **12**