

### **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

Sign plate with protective edge for fixed vertical road traffic signs

Scope: Sign plates with protective edge and sign face materials applied for fixed vertical road

traffic signs (ZA.5)

The product fulfils the essential characteristic:

See Annex 1

Intended use: Permanent traffic signs

Placed on the market under the name or trade mark of:

Infra Group Danmark A/S Industrivej 17 5750 Ringe

and produced in the manufacturing plant:

CPA30005

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

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 performance of the construction product is assessed to remain constant.

The attached annexes form part of this certificate.

Date of issue: 2020-12-15.

This certificate will remain valid as long as neither the harmonized 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.

(This certificate supersedes the previous version of this certificate issued )

This certificate was first issued.

Allan Laursen Responsible for evaluation Jesper Viggo Quaade
Responsible for certification decision



Annex 1
Description and classification:

Description and classification:	1				
Sign, sizes and mounting system		Classification a	ccording to wi	nd load classes	
Protective edge: Minimum aluminium quality:					
$R_{p0,2} = 200 \text{ MPa}$					
Brackets: Minimum aluminium quality:	Placed in	Placed in	Placedin	Placedin	Placed in
$R_{p0,2} = 200 \text{ MPa}$	WL1	WL2	WL3	WL4	WL5
Sign plate: Minimum aluminium quality:					
$R_{p0,2} = 180 \text{ MPa}$					
	Sign plate and brackets: PAF1, WL1, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.	Sign plate and brackets: PAF1, WL2, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.	Sign plate and brackets: PAF1, WL3, DSL0, PL0, TDB5, TDT0, P2, E2 and SP1.	Sign plate and brackets: PAF1, WL4, DSL0, PL0, TDB5, TDT0, P2, E2 and SP1.	Sign plate and brackets: PAF1, WL5, DSL0, PL0, TDB5, TDT0, P2, E2 and SP1.
d ≤ 1200 mm, t = 2 mm					
d ≤ 900 mm, t = 2 mm	Sign plate and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.	Sign plate and brackets: PAF1, WL2, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.	Sign plate and brackets: PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.	Sign plate and brackets: PAF1, WL4, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.	Sign plate and brackets: PAF1, WL5, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.
u 3 900 mm, t - 2 mm					
	Sign plate and brackets: PAF1, WL1, DSL0, PL0, TDB2, TDT0, P2, E2 and SP1.	Sign plate and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.	Sign plate and brackets: PAF1, WL3, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.	Sign plate and brackets: PAF1, WL4, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.	Sign plate and brackets: PAF1, WL5, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.
d ≤ 700 mm, t = 2 mm					





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





	1	<u> </u>			
Sign, sizes and mounting system		Classification a	ccording to wi	nd load classes	i 
Protective edge: Minimum aluminium quality:					
R <sub>p0,2</sub> = 200 MPa	B1 1:	51 1:	51 1.	51 1:	51 1:
Brackets: Minimum aluminium quality:	Placedin	Placedin	Placedin	Placedin	Placedin
R <sub>p0,2</sub> = 200 MPa	WL1	WL2	WL3	WL4	WL5
Sign plate: Minimum aluminium quality:					
R <sub>p0,2</sub> = 180 MPa					
	Sign plate				
	and	and	and	and	and
	brackets:	brackets:	brackets:	brackets:	brackets:
	PAF1,	PAF1,	PAF1,	PAF1,	PAF1,
	WL1,	WL2,	WL3,	WL4.	WL5,
	DSLO, PLO,				
	TDB4,	TDB4,	TDB4,	TDB5,	TDB5,
	TDT0, P2,				
	E2 and SP1.				
			1		
s ≤1250 mm, t = 2 mm					
	Sign plate				
	Sign plate and	Sign plate and	Sign plate and	Sign plate and	Sign plate and
	•		•		
	and	and	and	and	and
	and brackets:	and brackets:	and brackets:	and brackets:	and brackets:
	and brackets: PAF1,	and brackets: PAF1,	and brackets: PAF1,	and brackets: PAF1,	and brackets: PAF1,
	and brackets: PAF1, WL1,	and brackets: PAF1, WL2,	and brackets: PAF1, WL3,	and brackets: PAF1, WL4,	and brackets: PAF1, WL5,
	and brackets: PAF1, WL1, DSL0, PL0,	and brackets: PAF1, WL2, DSL0, PL0,	and brackets: PAF1, WL3, DSL0, PL0,	and brackets: PAF1, WL4, DSL0, PL0,	and brackets: PAF1, WL5, DSL0, PL0,
	and brackets: PAF1, WL1, DSL0, PL0, TDB3,	and brackets: PAF1, WL2, DSL0, PL0, TDB3,	and brackets: PAF1, WL3, DSL0, PL0, TDB3,	and brackets: PAF1, WL4, DSL0, PL0, TDB4,	and brackets: PAF1, WL5, DSL0, PL0, TDB4,
s ≤ 900 mm, t = 2 mm	and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2,	and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2,	and brackets: PAF1, WL3, DSL0, PL0, TDB3, TDT0, P2,	and brackets: PAF1, WL4, DSL0, PL0, TDB4, TDT0, P2,	and brackets: PAF1, WL5, DSL0, PL0, TDB4, TDT0, P2,
s ≤ 900 mm, t = 2 mm	and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2,	and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2,	and brackets: PAF1, WL3, DSL0, PL0, TDB3, TDT0, P2,	and brackets: PAF1, WL4, DSL0, PL0, TDB4, TDT0, P2,	and brackets: PAF1, WL5, DSL0, PL0, TDB4, TDT0, P2,
s ≤ 900 mm, t = 2 mm	and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2,	and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2,	and brackets: PAF1, WL3, DSL0, PL0, TDB3, TDT0, P2,	and brackets: PAF1, WL4, DSL0, PL0, TDB4, TDT0, P2,	and brackets: PAF1, WL5, DSL0, PL0, TDB4, TDT0, P2,
s ≤ 900 mm, t = 2 mm	and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.	and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.	and brackets: PAF1, WL3, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.	and brackets: PAF1, WL4, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.	and brackets: PAF1, WL5, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.
s ≤ 900 mm, t = 2 mm	and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.	and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.	and brackets: PAF1, WL3, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.	and brackets: PAF1, WL4, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.	and brackets: PAF1, WL5, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.
s ≤ 900 mm, t = 2 mm	and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.  Sign plate and	and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.	and brackets: PAF1, WL3, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.	and brackets: PAF1, WL4, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.	and brackets: PAF1, WL5, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.  Sign plate and
s ≤ 900 mm, t = 2 mm	and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.  Sign plate and brackets:	and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.  Sign plate and brackets:	and brackets: PAF1, WL3, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.  Sign plate and brackets:	and brackets: PAF1, WL4, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.  Sign plate and brackets:	and brackets: PAF1, WL5, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.  Sign plate and brackets:
s ≤ 900 mm, t = 2 mm	and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1,	and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1,	and brackets: PAF1, WL3, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1,	and brackets: PAF1, WL4, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1, WL4, DSL0, PL0,	and brackets: PAF1, WL5, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1,
s ≤ 900 mm, t = 2 mm	and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1, WL1,	and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1, WL2,	and brackets: PAF1, WL3, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1, WL3, DSL0, PL0, TDB2,	and brackets: PAF1, WL4, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1, WL4,	and brackets: PAF1, WL5, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1, WL5, DSL0, PL0, TDB3,
	and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1, WL1, DSL0, PL0,	and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1, WL2, DSL0, PL0,	and brackets: PAF1, WL3, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1, WL3, DSL0, PL0,	and brackets: PAF1, WL4, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1, WL4, DSL0, PL0,	and brackets: PAF1, WL5, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1, WL5, DSL0, PL0,
s ≤ 900 mm, t = 2 mm	and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1, WL1, DSL0, PL0, TDB1,	and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1, WL2, DSL0, PL0, TDB2,	and brackets: PAF1, WL3, DSL0, PL0, TDB3, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1, WL3, DSL0, PL0, TDB2,	and brackets: PAF1, WL4, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1, WL4, DSL0, PL0, TDB3,	and brackets: PAF1, WL5, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.  Sign plate and brackets: PAF1, WL5, DSL0, PL0, TDB3,



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



 $<sup>\</sup>boldsymbol{-}$  extracts only with written permission from DBI Certification A/S.



Sign, sizes and mounting system	1	Classification a	ccording to wi	nd load classes	
Protective edge: Minimum aluminium quality: $R_{p0,2} = 200 \text{ MPa}$ Brackets: Minimum aluminium quality: $R_{p0,2} = 200 \text{ MPa}$ Sign plate: Minimum aluminium quality: $R_{p0,2} = 180 \text{ MPa}$	Placed in	Placed in	Placed in	Placed in	Placed in
	WL1	WL2	WL3	WL4	WL5
h x b ≤ 1250 x ≤ 750 mm, t = 2 mm	Sign plate	Sign plate	Sign plate	Sign plate	Sign plate
	and	and	and	and	and
	brackets:	brackets:	brackets:	brackets:	brackets:
	PAF1,	PAF1,	PAF1,	PAF1,	PAF1,
	WL1,	WL2,	WL3,	WL4,	WL5,
	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,
	TDB4,	TDB4,	TDB4,	TDB4,	TDB5,
	TDT0, P2,	TDT0, P2,	TDT0, P2,	TDT0, P2,	TDT0, P2,
	E2 and SP1.	E2 and SP1.	E2 and SP1.	E2 and SP1.	E2 and SP1.
	Sign plate	Sign plate	Sign plate	Sign plate	Sign plate
	and	and	and	and	and
	brackets:	brackets:	brackets:	brackets:	brackets:
	PAF1,	PAF1,	PAF1,	PAF1,	PAF1,
	WL1,	WL2,	WL3,	WL4,	WL5,
	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,
	TDB4,	TDB4,	TDB4,	TDB4,	TDB4,
	TDT0, P2,	TDT0, P2,	TDT0, P2,	TDT0, P2,	TDT0, P2,
	E2 and SP1.	E2 and SP1.	E2 and SP1.	E2 and SP1.	E2 and SP1.
h x b ≤ 1250 x ≤ 600 mm, t = 2 mm					





Cincilian and accounting and an	1	Ol '6' 1'			
Sign, sizes and mounting system  Protective edge: Minimum aluminium quality:  Rp0,2 = 200 MPa		Classification a	ccording to Wi	nu ioau ciasses	j
Brackets: Minimum aluminium quality: $R_{p0,2} = 200 \text{ MPa}$ $Sign \ plate: Minimum \ aluminium \ quality:$ $R_{p0,2} = 180 \text{ MPa}$	Placed in	Placed in	Placed in	Placed in	Placed in
	WL1	WL2	WL3	WL4	WL5
h x b ≤ 1250 x ≤ 400 mm, t = 2 mm	Sign plate	Sign plate	Sign plate	Sign plate	Sign plate
	and	and	and	and	and
	brackets:	brackets:	brackets:	brackets:	brackets:
	PAF1,	PAF1, W	PAF1,	PAF1,	PAF1,
	WL1,	L2,	WL3,	WL4,	WL5,
	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,
	TDB3,	TDB3,	TDB4,	TDB4,	TDB4,
	TDT0, P2,	TDT0, P2,	TDT0, P2,	TDT0, P2,	TDT0, P2,
	E2 and SP1.	E2 and SP1.	E2 and SP1.	E2 and SP1.	E2 and SP1.
	Sign plate	Sign plate	Sign plate	Sign plate	Sign plate
	and	and	and	and	and
	brackets:	brackets:	brackets:	brackets:	brackets:
	PAF1,	PAF1,	PAF1,	PAF1,	PAF1,
	WL1,	WL2,	WL3,	WL4,	WL5,
	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,
	TDB1,	TDB2,	TDB2,	TDB2,	TDB3,
	TDT0, P2,	TDT0, P2,	TDT0, P2,	TDT0, P2,	TDT0, P2,
	E2 and SP1.	E2 and SP1.	E2 and SP1.	E2 and SP1.	E2 and SP1.
h x b ≤ 1250 x ≤ 250 mm, t = 2 mm					



Sign, sizes and mounting system	1	Classification a	ccording to wi	nd load classes	;
Protective edge: Minimum aluminium quality:					
$R_{p0,2} = 200 \text{ MPa}$					
Brackets: Minimum aluminium quality:	Placedin	Placedin	Placedin	Placed in	Placed in
R <sub>p0,2</sub> = 200 MPa	WL1	WL2	WL3	WL4	WL5
Sign plate: Minimum aluminium quality:					
R <sub>p0,2</sub> = 180 MPa					
	Sign plate and brackets: PAF1, WL1, DSL0, PL0, TDB4, TDT0, P2, E2 and SP1.	Sign plate and brackets: PAF1, WL2, DSL0, PL0, TDB5, TDT0, P2, E2 and SP1.	Sign plate and brackets: PAF1, WL3, DSL0, PL0, TDB5, TDT0, P2, E2 and SP1.	Sign plate and brackets: PAF1, WL4, DSL0, PL0, TDB5, TDT0, P2, E2 and SP1.	Sign plate and brackets: PAF1, WL5, DSL0, PL0, TDB5, TDT0, P2, E2 and SP1.
h x b ≤ 800 x ≤ 1200 mm, t = 2 mm					
	Sign plate and brackets: PAF1, WL1, DSL0, PL0, TDB4,	Sign plate and brackets: PAF1, WL2, DSL0, PL0, TDB4,	Sign plate and brackets: PAF1, WL3, DSL0, PL0, TDB4,	Sign plate and brackets: PAF1, WL4, DSL0, PL0, TDB4,	Sign plate and brackets: PAF1, WL5, DSL0, PL0, TDB4,
h x b ≤ 800 x ≤ 750 mm, t = 2 mm	TDT0, P2, E2 and SP1.	TDT0, P2, E2 and SP1.	TDT0, P2, E2 and SP1.	TDTO, P2, E2 and SP1.	TDT0, P2, E2 and SP1.
h x b ≤ 800 x ≤ 750 mm, t = 2 mm		TDT0, P2,	TDT0, P2,		TDT0, P2,
h x b ≤ 800 x ≤ 750 mm, t = 2 mm	Sign plate and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2,	Sign plate and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2,	Sign plate and brackets: PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2,	Sign plate and brackets: PAF1, WL4, DSL0, PL0, TDB4, TDT0, P2,	Sign plate and brackets: PAF1, WL5, DSL0, PL0, TDB4, TDT0, P2,



The certificate shall be reproduced in extenso

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Sign, sizes and mounting system	Classification according to wind load classes				
Protective edge: Minimum aluminium quality:	'	Ciassilication d	ccording to Wi	iiu iuau tiasses	
$R_{p0,2}$ = 200 MPa Brackets: Minimum aluminium quality: $R_{p0,2}$ = 200 MPa Sign plate: Minimum aluminium quality: $R_{p0,2}$ = 180 MPa	Placed in	Placed in	Placed in	Placed in	Placed in
	WL1	WL2	WL3	WL4	WL5
h x b ≤ 800 x ≤ 400 mm, t = 2 mm	Sign plate	Sign plate	Sign plate	Sign plate	Sign plate
	and	and	and	and	and
	brackets:	brackets:	brackets:	brackets:	brackets:
	PAF1,	PAF1,	PAF1,	PAF1,	PAF1,
	WL1,	WL2,	WL3,	WL4,	WL5,
	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,
	TDB2,	TDB3,	TDB3,	TDB3,	TDB3,
	TDT0, P2,	TDT0, P2,	TDT0, P2,	TDT0, P2,	TDT0, P2,
	E2 and SP1.	E2 and SP1.	E2 and SP1.	E2 and SP1.	E2 and SP1.
h x b ≤ 800 x ≤ 250 mm, t = 2 mm	Sign plate	Sign plate	Sign plate	Sign plate	Sign plate
	and	and	and	and	and
	brackets:	brackets:	brackets:	brackets:	brackets:
	PAF1,	PAF1,	PAF1,	PAF1,	PAF1,
	WL1,	WL2,	WL3,	WL4,	WL5,
	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,
	TDB1,	TDB2,	TDB2,	TDB2,	TDB2,
	TDT0, P2,	TDT0, P2,	TDT0, P2,	TDT0, P2,	TDT0, P2,
	E2 and SP1.	E2 and SP1.	E2 and SP1.	E2 and SP1.	E2 and SP1.
	Sign plate	Sign plate	Sign plate	Sign plate	Sign plate
	and	and	and	and	and
	brackets:	brackets:	brackets:	brackets:	brackets:
	PAF1,	PAF1,	PAF1,	PAF1,	PAF1,
	WL1,	WL2,	WL3,	WL4,	WL5,
	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,	DSL0, PL0,
	TDB3,	TDB4,	TDB4,	TDB4,	TDB4,
	TDT0, P2,	TDT0, P2,	TDT0, P2,	TDT0, P2,	TDT0, P2,
	E2 and SP1.	E2 and SP1.	E2 and SP1.	E2 and SP1.	E2 and SP1.
h x b ≤ 700 x ≤ 700 mm, t = 2 mm					
	ı			·	

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



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



	NPD
Resistance to horizontal loads	
	To be declared on the support
Resistance to bending	NPD
	To be declared on the support
Resistance to torsion	NPD
	To be declared on the support
Fixings:	Pass.
Fixings:	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.  Glue for fixing the signs into the bracket according to DIN 53504: Load bearing capacity: ≥ 1.5 MPa Elasticity moduls: ≥ 0.65 MPa Charge on broken: ≥ 1.55 MPa Elongation at breaks: ≥ 300 % Shore A hardness: ≥ 40 Themal resistance: -40 to 90°C  Pressure force for tightening: 2 kN fot the clamp. 5 kN for the brackets. M8 Screws, nuts and washers are
	minimum A2, class 70 (f <sub>y,b</sub> = 450 MPa).
Temporary deflection (supports)	NPD
-bending -torsion	To be declared on the support
Permanent deflection	NDP
Performance under vehicle impact	NPD
r er formance under vernete impact	To be declared on the support
Compaign variations	To be decidied on the support
Corrosion resistance	Long to
Brackets	SP1
	Minimum S235 Hot dip galavanized according to EN 1461
Screws, nuts and washers	M8: fy,b≥ 450MPa,minimum A2 or FZV
	SP1
Aluminum plate	SP1 Laquered AL-plate on exposed side if
Aluminum piate	any.
Resistance to penetration of dust	NPD





	ective sheeting ORALITE <sup>©</sup> 5710 Engineering Grade	with the following	ng original dyed co	lours:	
Colour	Name	Visibility charate		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.	7.1.1.7	7.1.2.	For black
		For black			colours:
		colours:			7.2.2.1.4
		7.2.2.1.3			
White	ORALITE® 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	pass	pass
Brown	ORALITE® 5710-080 Engineering Grade	CR2	RA1	pass	pass
2.01	Chilling of the control of the contr	0.12		pass	Pass
Potrorofle	ective sheeting ORALITE® 5710 engineering Grade	with the following	ag Lattering Eilm:		
					1
Black	ORALITE® 5071-070 Lettering Film	NR1	I	pass	pass
	ective sheeting ORALITE® 5710 engineering Grade	e with the following	ng screen printing	colours on wh	ite
retrorefle	ective sheeting:				
Yellow	ORALITE <sup>©</sup> 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	·	·
	<u> </u>			pass	pass
Green	ORALITE® 5018-060 Screen Printing ink	CR2	RA1	pass	pass
	I OBAILLE SOIS-O/O Screen Drinting ink	NR1	_	pass	pass
Retrorefle	ORALITE® 5018-070 Screen Printing ink ective sheeting ORALITE® 5710 engineering Grad		ng screen printing		
			ing screen printing		
Retrorefle retrorefle	ective sheeting ORALITE© 5710 engineering Grad		ing screen printing		
Retrorefle retrorefle	ective sheeting ORALITE© 5710 engineering Gradective sheeting:  ORALITE© 5018-030 Screen Printing ink	e with the followi		colours on ye	llow pass
Retrorefle retrorefle	ective sheeting ORALITE© 5710 engineering Grad active sheeting:	e with the followi		colours on ye	llow
Retrorefle retrorefle Red Black	ective sheeting ORALITE© 5710 engineering Gradective sheeting:  ORALITE© 5018-030 Screen Printing ink ORALITE© 5018-070 Screen Printing ink	e with the followi		colours on ye	llow pass
Retrorefle retrorefle Red Black Digital pri	ective sheeting ORALITE© 5710 engineering Gradective sheeting:  ORALITE© 5018-030 Screen Printing ink ORALITE© 5018-070 Screen Printing ink inting colours:	e with the followi	RA1	pass pass	pass pass
Retrorefle retrorefle Red Black Digital pri The digital	ective sheeting ORALITE® 5710 engineering Grad ective sheeting:  ORALITE® 5018-030 Screen Printing ink ORALITE® 5018-070 Screen Printing ink  inting colours: all printing is processed on white retroreflective she	e with the following CR2  NR1  eeting with the dig	RA1 - ital printing systen	pass pass	pass pass
Retrorefle retrorefle Red Black Digital pri The digital High-Spec	ective sheeting ORALITE® 5710 engineering Grad ective sheeting:  ORALITE® 5018-030 Screen Printing ink ORALITE® 5018-070 Screen Printing ink  inting colours: all printing is processed on white retroreflective sheed-UV-Inkjet-System and is to be laminated with the	e with the following CR2  NR1  eeting with the dig	RA1 - ital printing systen	pass pass	pass pass
Retrorefle Red Black  Digital pri The digital High-Spee	ective sheeting ORALITE© 5710 engineering Gradective sheeting:  ORALITE© 5018-030 Screen Printing ink ORALITE© 5018-070 Screen Printing ink  inting colours: all printing is processed on white retroreflective sheed-UV-Inkjet-System and is to be laminated with the 5062-000 Transparent Film.	e with the following CR2  NR1  eeting with the dig	RA1 - ital printing systen	pass pass	pass pass
Retrorefle Red Black  Digital pri The digitat High-Spee ORALITE® On white	ective sheeting ORALITE® 5710 engineering Gradective sheeting:  ORALITE® 5018-030 Screen Printing ink ORALITE® 5018-070 Screen Printing ink  inting colours: all printing is processed on white retroreflective sheed-UV-Inkjet-System and is to be laminated with the 5062-000 Transparent Film.  ORALITE® 5710-010 Engineering Grade and	e with the following CR2  NR1  eeting with the dig	RA1 - ital printing systen	pass pass	pass pass
Retrorefle Red Black  Digital pri The digitat High-Spec ORALITE® On white sheeting	ective sheeting ORALITE® 5710 engineering Gradective sheeting:  ORALITE® 5018-030 Screen Printing ink ORALITE® 5018-070 Screen Printing ink  inting colours: all printing is processed on white retroreflective sheed-UV-Inkjet-System and is to be laminated with the 5062-000 Transparent Film.  ORALITE® 5710-010 Engineering Grade and	e with the following CR2  NR1  eeting with the digne transparent lam	RA1 - gital printing system ninate	pass pass pass	pass pass
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Retrorefle retrorefle Red Black Digital pri The digital High-Spec	ective sheeting ORALITE® 5710 engineering Grade ective sheeting:  ORALITE® 5018-030 Screen Printing ink ORALITE® 5018-070 Screen Printing ink  inting colours: all printing is processed on white retroreflective sheed-UV-Inkjet-System and is to be laminated with the 5062-000 Transparent Film.  ORALITE® 5710-010 Engineering Grade and  ORALITE® 5062-000 Transparent Film  ORALITE® 5019-020 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film	e with the following CR2  NR1  eeting with the digne transparent lam	RA1 - gital printing system ninate	pass pass pass	pass pass
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Retrorefle Red Black  Digital pri The digital High-Specion ORALITE® On white sheeting White Yellow Red Blue Green Grey Black	ective sheeting ORALITE® 5710 engineering Grade ective sheeting:  ORALITE® 5018-030 Screen Printing ink ORALITE® 5018-070 Screen Printing ink  inting colours: all printing is processed on white retroreflective sheed-UV-Inkjet-System and is to be laminated with the 5062-000 Transparent Film.  ORALITE® 5710-010 Engineering Grade and  ORALITE® 5062-000 Transparent Film  ORALITE® 5062-000 Transparent Film  ORALITE® 5062-000 Transparent Film  ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film  ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5019-060 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film  ORALITE® 5019-060 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film  ORALITE® 5019-060 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film  ORALITE® 5019-070 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film  ORALITE® 5019-070 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film	e with the following CR2 NR1  eeting with the dignet ransparent land CR2	RA1	pass pass pass pass pass pass pass pass	pass pass pass  pass pass  pass  pass  pass  pass  pass  pass  pass  pass  pass  pass  pass  pass
Retrorefle Red Black  Digital pri The digital High-Specion white Sheeting White Yellow Red Blue Green Grey Black	ective sheeting ORALITE® 5710 engineering Gradective sheeting:  ORALITE® 5018-030 Screen Printing ink ORALITE® 5018-070 Screen Printing ink  inting colours: all printing is processed on white retroreflective sheed-UV-Inkjet-System and is to be laminated with the 5062-000 Transparent Film.  ORALITE® 5710-010 Engineering Grade and  ORALITE® 5019-020 UV Digital Printing Ink and ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film  ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5062-000 Transparent Film  ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5019-052 UV Digital Printing Ink and ORALITE® 5019-052 UV Digital Printing Ink and ORALITE® 5019-070 UV Digital Printing Ink and ORALITE® 5019-070 UV Digital Printing Ink and	e with the following CR2 NR1  eeting with the dignet ransparent land CR2	RA1	pass pass pass pass pass pass pass pass	pass pass pass  pass pass  pass  pass  pass  pass  pass  pass  pass  pass  pass  pass  pass



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Digital pri	nting colour ORALITE <sup>©</sup> 5019i UV Digital Printing II	nk			
On white	ORALITE© 5710-010 Engineering Grade and				
sheeting					
White	ORALITE <sup>©</sup> 5062-000 Transparent Film	CR2	RA1	pass	pass
Yellow	ORALITE© 5019i-020 UV Digital Printing Ink and	CR2	RA1	pass	pass
	ORALITE© 5062-000 Transparent Film	CNZ	IVAI	μασσ	μασσ
Red	ORALITE© 5019i-030 UV Digital Printing Ink and	CR2	RA1	pass	pass
	ORALITE© 5062-000 Transparent Film	CNZ	KAI	pass	pass
Blue	ORALITE© 5019i-050 UV Digital Printing Ink and	CR2	RA1	pass	pass
	ORALITE© 5062-000 Transparent Film	CNZ	IVAI	pass	pass
Green	ORALITE© 5019i-060 UV Digital Printing Ink and	CR2	RA1	pass	pass
	ORALITE© 5062-000 Transparent Film	CIVE	IVAI	pu33	разз
Orange	ORALITE© 5019i-035 UV Digital Printing Ink and	CR1	RA1	pass	pass
	ORALITE© 5062-000 Transparent Film	CNI	IVAI	pass	pass
Brown	ORALITE© 5019i-080 UV Digital Printing Ink and	CR2	RA1	pass	pass
	ORALITE© 5062-000 Transparent Film	CNZ	IVAI	pass	pass
Black	ORALITE© 5019i-070 UV Digital Printing Ink and	NR1		pass	pass
	ORALITE© 5062-000 Transparent Film	141/T		puss	μασσ
White	ORALITE© 5062-000 Transparent Film	CR2	RA1	pass	pass

### Clear protective overlay film:

Clear protective overlay films (Anti-Graffiti) are always admitted in combination with retroreflective sheeting and a colouring process.

#### Anti-Graffiti:

The original dyed retroreflective sheeting with the screen-printing ORALITE<sup>©</sup> 5018 is accepted to be laminated with the clear protective overlay film ORALITE<sup>©</sup> 5095 Anti-Graffitti Film for the following colours:

Original d	Original dyed retroreflective sheeting ORALITE© 5710 Enginering Grade with screen-printing ORALITE© 5018.					
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 Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film	CR2	RA1	pass	pass	
Black	ORALITE <sup>©</sup> 5018-070 Screen Printing Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film	NR1	-	pass	pass	





Colour		de with the follow	ing original dyed c	olours:		
COIOUI	Name	Visibility charat	eristics	Durability		
		Daylight Chromaticity	Coefficient of retroreflection	Impact resistance	Resistance to weathering	
		& luminance factor 4.1.1.3.	4.1.1.4	4.1.2.	4.1.1.5. For black colours	
		For black colours:			7.2.2.1.4	
		7.2.2.1.3				
White	ORALITE <sup>©</sup> 5810-010 High Intensity Grade	CR2	RA2	pass	pass	
Yellow	ORALITE® 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® 5810-080 High Intensity Grade	CR2	RA2	pass	pass	
Retroreflectiv	ve sheeting ORALITE© 5810 High Intensity Gr	ade with the follow	ving Lettering Film			
Black	ORALITE© 5081-070 Lettering Film	NR1	-	pass	pass	
	•					
Retroreflecti	ve sheeting ORALITE <sup>©</sup> 5810 High Intensity Gra	de with the follow	ing Coloured Lami	nates:		
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	
sheeting:	ORALITE© 5018-020 Screen Printing Ink	CR2	RA2	pass	pass	
Tellow	o o					
	ORALITE© 5018-030 Screen Printing Ink	CR2	RA2	pass	pass	
Red	_	CR2 CR2	RA2	pass pass	pass pass	
Red Blue	ORALITE© 5018-030 Screen Printing Ink			•	· · · · · · · · · · · · · · · · · · ·	
Red Blue Green	ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-050 Screen Printing Ink	CR2	RA2	pass	pass	
Red Blue Green Black Retroreflectionsheeting: Red	ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-050 Screen Printing Ink ORALITE© 5018-060 Screen Printing Ink	CR2 CR2 NR1	RA2 RA2	pass pass pass	pass pass pass	
Red Blue Green Black Retroreflective sheeting: Red Black	ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-050 Screen Printing Ink ORALITE© 5018-060 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink	CR2 CR2 NR1 ade with the follow	RA2 RA2 - ving Screen Printin	pass pass pass pass pass	pass pass pass pass ellow retroreflecti pass	
Red Blue Green Black Retroreflective Sheeting: Red Black Digital Printive Digital Printive Digital printive	ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-050 Screen Printing Ink ORALITE© 5018-060 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink Ing Colours: Ing Colour ORALITE® 5019 UV Digital Printing Ink Initing is processed on white retroreflective she	CR2 CR2 NR1  ade with the follow  CR2 NR1  NR1	RA2 RA2 - ving Screen Printin RA1 -	pass pass pass  pass  pass  g Colours on y  pass  pass	pass pass pass pass ellow retroreflecti pass pass	
Red Blue Green Black Retroreflective Sheeting: Red Black Digital Printin The digital pr Speed-UV-In	ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-050 Screen Printing Ink ORALITE© 5018-060 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink  Versier Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink	CR2 CR2 NR1  ade with the follow  CR2 NR1  NR1  nk eeting with the digit parent laminate.	RA2 RA2 - ving Screen Printin  RA1 - tal printing system	pass pass pass  pass  pass  g Colours on y  pass  pass	pass pass pass pass ellow retroreflecti pass pass	
Red Blue Green Black Retroreflective Sheeting: Red Black Digital Printive The digital pr Speed-UV-Inl Digital Printive	ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-050 Screen Printing Ink ORALITE© 5018-060 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink  ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink	CR2 CR2 NR1  ade with the follow  CR2 NR1  NR1  nk eeting with the digit parent laminate.	RA2 RA2 - ving Screen Printin  RA1 - tal printing system	pass pass pass  pass  pass  g Colours on y  pass  pass	pass pass pass pass ellow retroreflecti pass pass	
Red Blue Green Black Retroreflective Sheeting: Red Black Digital Printive Digital Printive The digital pr Speed-UV-Int Digital Printive On white	ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-050 Screen Printing Ink ORALITE© 5018-060 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5019 UV Digital Printing Inting is processed on white retroreflective she kejet-System and is to be laminated with a transing with protective laminate ORALITE© 5061-00 ORALITE© 5810-010 High Intensity Grade	CR2 CR2 NR1  ade with the follow  CR2 NR1  NR1  nk eeting with the digit parent laminate.	RA2 RA2 - ving Screen Printin  RA1 - tal printing system	pass pass pass  pass  pass  g Colours on y  pass  pass	pass pass pass pass ellow retroreflecti pass pass	
Red Blue Green Black Retroreflective Sheeting: Red Black Digital Printive Digital Printive Speed-UV-Into Digital Printive On white Sheeting	ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-050 Screen Printing Ink ORALITE© 5018-060 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5019 UV Digital Printing Initing is processed on white retroreflective she kejet-System and is to be laminated with a transing with protective laminate ORALITE© 5061-00 ORALITE© 5810-010 High Intensity Grade and	CR2 CR2 NR1  ade with the follow  CR2 NR1  nk eeting with the digit parent laminate.  Transparent File	RA2 RA2 - ving Screen Printin  RA1 - tal printing system	pass pass pass  g Colours on y  pass pass  pass  A GFA ANAPUF	pass pass pass ellow retroreflecti  pass pass  RNA M2050 High-	
Red Blue Green Black Retroreflective Sheeting: Red Black Digital Printive The digital pr Speed-UV-Into Digital Printive On white Sheeting White	ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-050 Screen Printing Ink ORALITE© 5018-060 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-070 High Intensity Grade and ORALITE© 5810-010 High Intensity Grade and ORALITE© 5061-000 Transparent Film	CR2 CR2 NR1  ade with the follow  CR2 NR1  nk enting with the digiparent laminate.  O Transparent File  CR2	RA2 RA2 - ving Screen Printin  RA1 - tal printing system  RA2	pass pass pass  g Colours on y  pass pass  A GFA ANAPUF	pass pass pass pass ellow retroreflecti  pass pass  RNA M2050 High-	
Red Blue Green Black Retroreflective Sheeting: Red Black Digital Printive The digital pr Speed-UV-Into Digital Printive On white Sheeting White	ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-050 Screen Printing Ink ORALITE© 5018-060 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 High Intensity Grade and ORALITE© 5061-000 Transparent Film ORALITE© 5019-020 UV Digital Printing Ink and ORALITE© 5001-000 Transparent Film	CR2 CR2 NR1  ade with the follow  CR2 NR1  nk eeting with the digitate parent laminate.  O Transparent File  CR2 CR2  CR2	RA2 RA2 - ving Screen Printin  RA1 - tal printing system	pass pass pass  g Colours on y  pass pass  pass  A GFA ANAPUF	pass pass pass ellow retroreflecti  pass pass  RNA M2050 High-	
sheeting: Red Black  Digital Printin Digital Printin The digital pr Speed-UV-In	ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-050 Screen Printing Ink ORALITE© 5018-060 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 High Intensity Grade inting is processed on white retroreflective she kjet-System and is to be laminated with a transing with protective laminate ORALITE© 5061-00 ORALITE© 5810-010 High Intensity Grade and ORALITE© 5061-000 Transparent Film ORALITE© 5019-020 UV Digital Printing Ink and ORALITE© 5019-030 UV Digital Printing Ink	CR2 CR2 NR1  ade with the follow  CR2 NR1  nk eeting with the digitate parent laminate.  O Transparent File  CR2 CR2  CR2	RA2 RA2 - ving Screen Printin  RA1 - tal printing system  RA2	pass pass pass  g Colours on y  pass pass  A GFA ANAPUF	pass pass pass pass ellow retroreflection pass pass pass pass pass	
Red Blue Green Black Retroreflective Sheeting: Red Black Digital Printive Digital Printive Digital Printive Digital Printive On white Sheeting White Yellow	ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-050 Screen Printing Ink ORALITE© 5018-060 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-030 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 Screen Printing Ink ORALITE© 5018-070 High Intensity Grade and ORALITE© 5061-000 Transparent Film ORALITE© 5019-020 UV Digital Printing Ink and ORALITE© 5001-000 Transparent Film	CR2 CR2 NR1  CR2 NR1  CR2 NR1  CR2 NR1  CR2 CR2 CR2 CR2 CR2 CR2 CR2	RA2 RA2 - ving Screen Printin  RA1 - tal printing system  RA2 RA2 RA2	pass pass pass  pass  g Colours on y  pass  pass  pass  pass  pass  pass	pass pass pass  pass  pass  ellow retroreflecti  pass  pass  pass  pass  pass  pass  pass	



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		ı		ı	
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	CR2	RA2	pass	pass
Grey	and ORALITE© 5061-000 Transparent Film ORALITE© 5019-073 UV Digital Printing Ink	CR2	RA2*	pass	pass
	and ORALITE© 5061-000 Transparent Film	-f DA2			
*Coefficient c	of retroreflection: Value for printed colours 70%	OT RAZ		I	1
Black	ORALITE© 5019-070 UV Digital Printing Ink and ORALITE© 5061-000 Transparent Film	NR1	-	pass	pass
Digital Printin	g with protective laminate ORALITE® 5090 An	ti-Dew Film:			
On white	ORALITE©5810-010 High Intensity Grade				
sheeting	and				
White	ORALITE© 5090 Anti-Dew Film	CR2	RA2	pass	pass
Yellow	ORALITE© 5019-020 UV Digital Printing Ink	CNZ	NAZ	pass	pass
Tellow	and ORALITE© 5090 Anti-Dew Film	CR2	RA2	pass	pass
Ded	ORALITE© 5019-030 UV Digital Printing Ink	CD2	DA 3		
Red	and ORALITE© 5090 Anti-Dew Film	CR2	RA2	pass	pass
	ORALITE© 5019-050 UV Digital Printing Ink	602	242*		
Blue	and ORALITE© 5090 Anti-Dew Film	CR2	RA2*	pass	pass
_/	ORALITE© 5019-060 UV Digital Printing Ink				
Green	and ORALITE© 5090 Anti-Dew Film	CR2	RA2*	pass	pass
	ORALITE© 5019-080 UV Digital Printing Ink	602	242		
Brown	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
	ORALITE© 5019-073 UV Digital Printing Ink				
Grey	and ORALITE© 5090 Anti-Dew Film	CR2	RA2	pass	pass
*Coefficient c	of retroreflection: Value for printed colours 70%	of RA2			
	ORALITE <sup>©</sup> 5019-070 UV Digital Printing Ink				
Black	and ORALITE <sup>©</sup> 5090 Anti-Dew Film	NR1	-	pass	pass
				•	•
Digital Printin	g with protective laminate ORALITE® 5095 Ant	ti-Graffiti Film:			
On white	ORALITE <sup>©</sup> 5810-010 High Intensity Grade	7			
sheeting	and	1			
White	ORALITE© 5095 Anti-Graffitti Film	CR2	RA2	pass	pass
	ORALITE® 5019-020 UV Digital Printing Ink				
Yellow	ORALITE® 5019-020 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film	CR2	RA2	pass	pass
	and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film		RA2	pass	pass
	and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-030 UV Digital Printing Ink	CR2			,
Red	and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film	CR2	RA2	pass	pass
Red	and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-050 UV Digital Printing Ink		RA2	pass	pass
Red	and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film	CR2	RA2 RA2 RA2*	pass	pass
Red	and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-060 UV Digital Printing Ink	CR2	RA2	pass	pass
Red	and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-060 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film	CR2	RA2 RA2 RA2*	pass pass pass	pass pass pass
Red Blue Green	and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-060 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-080 UV Digital Printing Ink	CR2	RA2 RA2 RA2*	pass pass pass	pass pass pass
Red Blue Green	and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-060 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-080 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film	CR2 CR2 CR2	RA2 RA2* RA2*	pass pass pass pass	pass pass pass pass
Red Blue Green Brown	and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-060 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-080 UV Digital Printing Ink and ORALITE® 5019-080 UV Digital Printing Ink and ORALITE® 5019-073 UV Digital Printing Ink	CR2 CR2 CR2	RA2 RA2* RA2*	pass pass pass pass	pass pass pass pass
Red Blue Green Brown Grey	and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-060 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-080 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-073 UV Digital Printing Ink and ORALITE® 5019-073 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film	CR2 CR2 CR2 CR2 CR2	RA2 RA2* RA2* RA2*	pass pass pass pass pass	pass pass pass pass pass
Red Blue Green Brown Grey *Coefficient of	and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-060 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-080 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-073 UV Digital Printing Ink and ORALITE® 5019-073 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  fretrorefelction: Value for printed colours 70%	CR2 CR2 CR2 CR2 CR2 CR2 Of RA2	RA2 RA2* RA2* RA2*	pass pass pass pass pass	pass  pass  pass  pass  pass  pass
Blue Green Brown Grey	and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-060 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-080 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-073 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-073 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  fretrorefelction: Value for printed colours 70%  ORALITE® 5019-070 UV Digital Printing Ink	CR2 CR2 CR2 CR2 CR2	RA2 RA2* RA2* RA2*	pass pass pass pass pass	pass pass pass pass pass
Red Blue Green Brown Grey *Coefficient c	and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-060 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-080 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-073 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  oralite® 5019-073 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  oralite® 5019-070 UV Digital Printing Ink and ORALITE® 5019-070 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film	CR2 CR2 CR2 CR2 CR2 CR2 NR1	RA2 RA2* RA2* RA2 RA2 -	pass pass pass pass pass pass pass	pass pass pass pass pass pass pass pass
Red Blue Green Brown Grey *Coefficient c	and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-030 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-050 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-060 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-080 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-073 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  ORALITE® 5019-073 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  fretrorefelction: Value for printed colours 70%  ORALITE® 5019-070 UV Digital Printing Ink	CR2 CR2 CR2 CR2 CR2 CR2 NR1	RA2 RA2* RA2* RA2 RA2 -	pass pass pass pass pass pass pass	pass pass pass pass pass pass pass

### Digital Printing Colour ORALITE® 5019i UV Digital Printing Ink:

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



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On white	ORALITE <sup>©</sup> 5810-010 High Intensity Grade				
sheeting	and				
White	ORALITE© 5061-000 Transparent Film	CR2	RA2	pass	pass
	ORALITE© 5019i-020 UV Digital Printing				
Yellow	Ink and ORALITE© 5061-000 Transparent	CR2	RA2	pass	pass
	Film				
	ORALITE© 5019i-030 UV Digital Printing				
Red	Ink and ORALITE© 5061-000 Transparent	CR2	RA2	pass	pass
	Film				
	ORALITE© 5019i-050 UV Digital Printing				
Blue	Ink and ORALITE© 5061-000 Transparent	CR2	RA2	pass	pass
	Film				
	ORALITE© 5019i-060 UV Digital Printing				
Green	Ink and ORALITE© 5061-000 Transparent	CR2	RA2	pass	pass
	Film				
	ORALITE© 5019i-080 UV Digital Printing				
Brown	Ink and ORALITE© 5061-000 Transparent	CR2	RA2	pass	pass
	Film				
4	ORALITE© 5019i-625 UV Digital Printing				
Dark Green	Ink and ORALITE© 5061-000 Transparent	CR2	RA2	pass	pass
	Film				
	ORALITE© 5019i-073 UV Digital Printing				
Grey	Ink and ORALITE© 5061-000 Transparent	CR2	RA2	pass	pass
	Film				
	ORALITE© 5019i-070 UV Digital Printing				
Black	Ink and ORALITE© 5061-000 Transparent	NR1	-	pass	pass
	Film				

#### Clear overlay film with special function:

Clear overlay films with special function (anti-dew and anti-graffiti) are always admitted in combination with a dyed sheeting and a colouring process.

#### Anti Dew:

The dyed sheeting and the combination with coloured laminates is accepted to be processed with the clear overlay film anti-dew function ORALITE® 5090 Andi-Dew film for the following colours:

Dyed Retroreflective Sheeting	g:
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White	ORALITE© 5810-010 High Intensity Grade	CR2	RA2 pass		nacc	
vviiite	and ORALITE© 5090 Anti-Dew film	CNZ	NAZ	pass	pass	
Yellow	ORALITE© 5810-020 High Intensity Grade	CR2	RA2	2255	nacc	
Tellow	and ORALITE© 5090 Anti-Dew film	CNZ	NAZ	pass	pass	
Red	oralite© 5810-030 High Intensity Grade and Oralite© 5090 Anti-Dew film	CD2	RA2	, mass	mass	
Reu		NAZ	pass	pass		
Blue	ORALITE© 5810-050 High Intensity Grade	CD2	DAG	nace	2000	
	and ORALITE© 5090 Anti-Dew film	CR2	RA2	pass	pass	

### Dyed Retrofeflective Sheeting ORALITE® 5810 High Intensity Grade with Coloured Laminate:

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

### Dyed Retroreflective Sheeting ORALITE® 5810 High Intensity Grade with Lettering film:

Black	ORALITE© 5081-070 Lettering Film and ORALITE© 5090 Anti-Dew film	NR1	-	pass	pass	

#### Anti-Graffiti:

The dyed sheeting and the combination with coloured laminates is accepted to be processed with the clear overlay film with antigraffiti function ORALITE® 5095 Anti Graffiti Film for the following colours.

The certificate shall be reproduced in extenso  $% \left\{ 1,2,\ldots ,n\right\} =0$ 

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Version 2019-10-02

Page 16 of 18



Dyed Retroi	reflective Sheeting:				
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
Dved Retroi	reflective Sheeting ORALITE® 5810 High Intensit	v Grade with Col	oured Laminate:		
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
-	reflective Sheeting ORALITE® 5810 High Intensit	y Grade with Let	tering Film:		I
Black	ORALITE© 5081-070 Lettering Film and ORALITE© 5095 Anti-Graffiti Film	NR1		pass	pass
External illu	mination:				
mean illumi	nance,				NPD
uniformity	of illuminance				NPD





### Annex 2

### **TECHNICAL BASIS**

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