Issue date: 2018-04-18



#### **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 plates for fixed vertical road traffic signs

Scope: Sign plates with 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 ApS 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: 2018-04-18

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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.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 2017-11-30)

This certificate was first issued 2017-11-30.

Per Lyster Responsible for evaluation Merete Poulsen Responsible for certification decision

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Prod. Reg. Nr. 7023

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#### Annex 1

Sign, sizes and mounting system Brackets: Minimum steel quality: S235		Classification according to wi		g to wind
Signboard: Minimum aluminium quality: $R_{p0,2}$ = 180 MPa Pipe dimension Ø48,3, Ø60,3, Ø76,1 or 88,9 mm Single sided or double sides mounting		Placed in WL1	Placed in WL2	Placed in WL3
d ≤ 1200 mm, t = 2 mm, brackets Type 1	1	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB5, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB5, TDT0, P2, E1 and SP1.

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d ≤ 1200 mm, t = 2 mm	, brackets Type 2	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB5, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB5, TDT0, P2, E1 and SP1.	
d ≤ 900 mm, t = 2 mm,	brackets Type 1	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	

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	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB2, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB2, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB2, TDT0, P2, E1 and SP1.	
d ≤ 700 mm, t = 2 mm, brackets Type 1				
d ≤ 500 mm, t = 2 mm, brackets Type 1	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB1, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB1, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB2, TDT0, P2, E1 and SP1.	
h ≤ 900 mm, t = 2 mm, brackets Type 1	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	

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$s = \le 1250 \text{ mm}, t = 2 \text{ mm}, \text{ brackets Type 1}$	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.
s ≤ 900 mm, t = 2 mm, brackets Type 1	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB2, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB2, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.
$S \le 700 \text{ mm, } t = 2 \text{ mm, brackets Type 1}$	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB2, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB2, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.

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a ≤ 500 mm, t = 2 mm, brackets Type 1	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB2, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.
$h \times b = \le 1450 \times \le 650 \text{ mm}, t = 2 \text{ mm, brackets Type}$	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.

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$h \times b = \le 1450 \times \le 650 \text{ mm}, t = 2 \text{ mm}, \text{ brackets Type}$	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	
$h \times b = \le 1250 \times \le 1200 \text{ mm}, t = 2 \text{ mm, brackets Type}$	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB5, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB5, TDT0, P2, E1 and SP1.	

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$h \times b = \le 1250 \times \le 1200 \text{ mm}, t = 2 \text{ mm, brackets Type}$	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB5, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB5, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB6, TDT0, P2, E1 and SP1.	
$h \times b = \le 1250 \times \le 1200 \text{ mm, t} = 2 \text{ mm, brackets Type}$	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB5, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB5, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB6, TDT0, P2, E1 and SP1.	

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$h \times b = \le 1250 \times \le 750 \text{ mm}, t = 2 \text{ mm, brackets type } 1$	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB2, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	
$h \times b = \le 1250 \times \le 600 \text{ mm, } t = 2 \text{ mm, brackets Type}$	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	

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$h \times b = \le 1250 \times \le 400 \text{ mm, t} = 2 \text{ mm, brackets Type}$	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.
$h \times b = \le 1250 \times \le 250 \text{ mm, } t = 2 \text{ mm, brackets Type}$	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.
	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.

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h x b = $\leq$ 800 x $\leq$ 1200 mm, t = 2 mm, brackets Type			
	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.
h x b = $\leq$ 800 x $\leq$ 750 mm, t = 2 mm, brackets Type 1			
11 x b = 3 600 x 3 730 mm, t = 2 mm, brackets type 1			
	Signboard and brackets:	Signboard and brackets:	Signboard and brackets:
	PAF1, WL1, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	PAF1, WL2, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.
h x b = $\leq 800$ x $\leq 600$ mm, t = 2 mm, brackets Type 1	`		
	Signboard	Signboard	Signboard
	and brackets:	and brackets:	and brackets:
	PAF1, WL1, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	PAF1, WL2, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.
$h \times b = \le 800 \times \le 400 \text{ mm}, t = 2 \text{ mm}, \text{ brackets Type 1}$			

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	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.
h x b = $\leq 800 \text{ x} \leq 250 \text{ mm}$ , t = 2 mm, brackets Type 1 h x b = $\leq 700 \text{ x} \leq 250 \text{ mm}$ , t = 2 mm, brackets Type 1	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.
$h \times b = \le 650 \times \le 1200 \text{ mm}, t = 2 \text{ mm}, \text{ brackets Type}$	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB5, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB5, TDT0, P2, E1 and SP1.

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$h \times b = \le 600 \times \le 600 \text{ mm}, t = 2 \text{ mm}, \text{ brackets Type 1}$	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.
	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.
h x b = ≤ 600 x ≤ 400 mm, t = 2 mm, brackets Type 1	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.
h x b = $\leq$ 550 x $\leq$ 750 mm, t = 2 mm, brackets Type 1 h x b = $\leq$ 250 x $\leq$ 1200 mm, t = 2 mm, bracket Type 1	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB5, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB5, TDT0, P2, E1 and SP1.

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_				
	$h \times b = \le 250 \times \le 750 \text{ mm}, t = 2 \text{ mm}, \text{ bracket Type 1}$	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB2, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB2, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.
		Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB2, TDT0, P2,	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB2, TDT0, P2,	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB2, TDT0, P2,
	h x b = $\leq$ 250 x $\leq$ 600 mm, t = 2 mm, bracket Type 1	E1 and SP1.	E1 and SP1.	E1 and SP1.
	$h \times b = \le 250 \times \le 400 \text{ mm}, t = 2 \text{ mm}, \text{ bracket Type 1}$	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB1, TDT0, P2, E1 and SP1.	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB1, TDT0, P2, E1 and SP1.	signboard and brackets: PAF1, WL3, DSL0, PL0, TDB2, TDT0, P2, E1 and SP1.
	h v h = < 250 v < 250 mm t = 2 mm hyrotest Time 1	Signboard and brackets: PAF1, WL1, DSL0, PL0, TDB1, TDT0, P2, E1 and	Signboard and brackets: PAF1, WL2, DSL0, PL0, TDB2, TDT0, P2, E1 and	Signboard and brackets: PAF1, WL3, DSL0, PL0, TDB2, TDT0, P2, E1 and
	$h \times b = \le 250 \times \le 250 \text{ mm}, t = 2 \text{ mm}, \text{ bracket Type 1}$	SP1.	SP1.	SP1.

The different types, shapes and sizes of minor traffic signs including mounting system are shown in Figure 1 and Figure 2.

The variation of the sizes for the individual types and shapes inclusive mounting system are shown in Figure 1 to Figure 6 and in Table 1.

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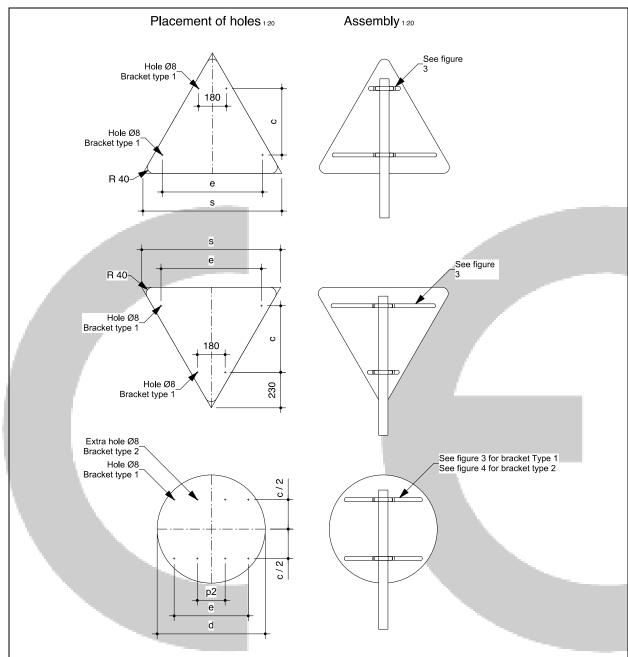


Figure 1: Placement of holes in the different types of sign plate is shown at left and the brackets at right. Values for the variable measures are given in Table 1. Details for the brackets are shown in Figure 6 and Figure 6.

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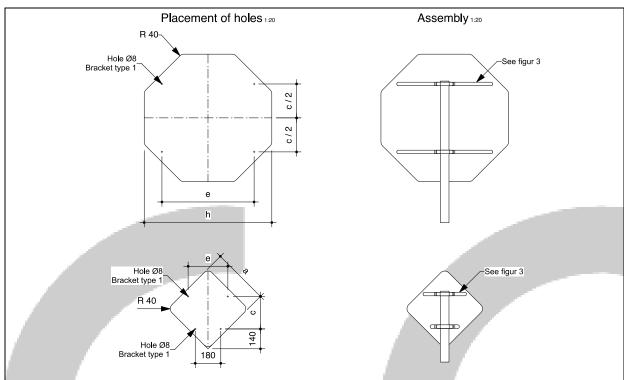


Figure 2: Placement of holes in the different types of sign plate is shown at left and the brackets at right. Values for the variable measures are given in Table 1. Details for the brackets are shown in Figure 5 and Figure 6.

Shape	Size	Variable r	neasures	Minin	num numb	ers of bra	ckets
0×		С	е	e = 180	e = 280	e = 480	e = 650
$\times \triangle$	s = 700	255	480	1		1	
	s = 900	430	650	1			1
	s = 1250	750	650	1			1
1	d = 500	290	280		2		
٥	d = 700	390	480			2	
	d = 900	480	650				2
'	d = 1200	640	650				2
	h = 900	490	650				
××	a = 500	370	280	1	1		

Table 1: Variable measures of the different sign types and their numbers of brackets to be used for the sign plates shown in Figure 1 and Figure 2.

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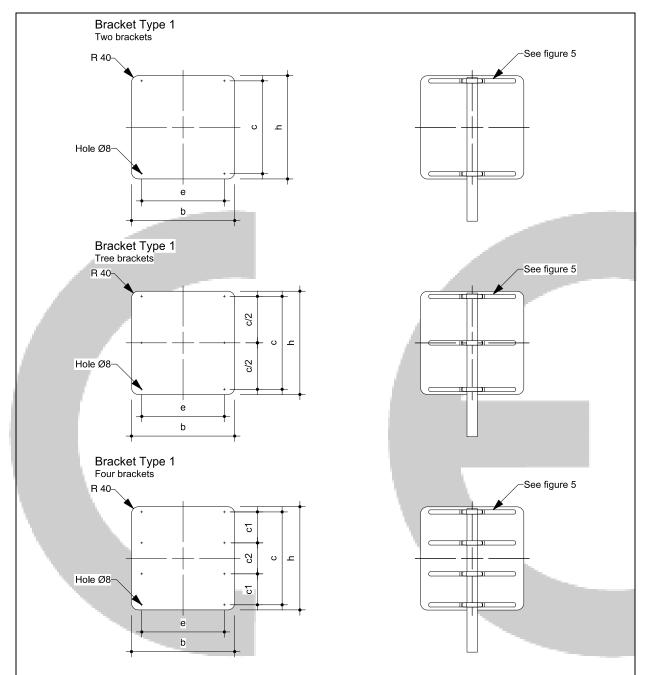


Figure 3: Placement of holes in the different types of sign plate is shown at left and the brackets at right. Values for the variable measures are given in Table 1. Details for the brackets are shown in Figure 5 and Figure 6.

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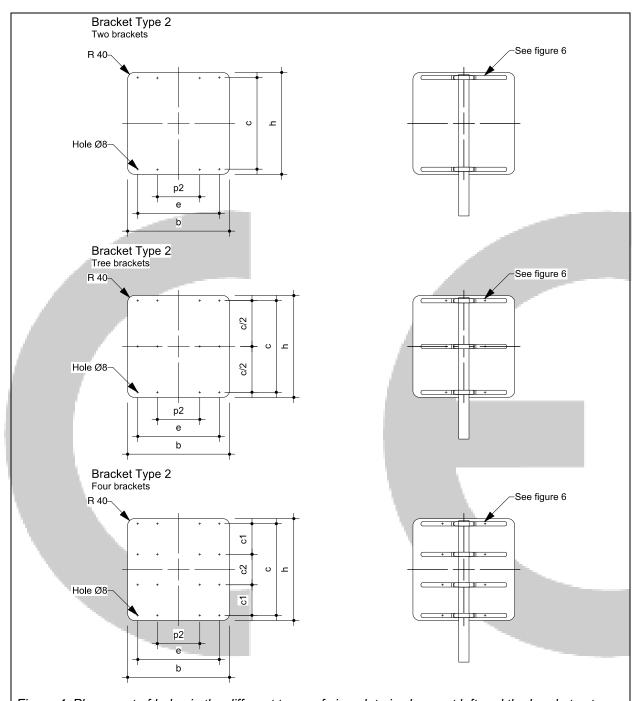


Figure 4: Placement of holes in the different types of sign plate is shown at left and the brackets at right. Values for the variable measures are given in Table 2. Details for the brackets are shown in Figure 5 and Figure 6.

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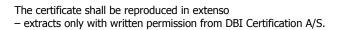
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						Minimum numbers of
h	b	С	c1	c2	е	brackets
1450	650	1389	463	463	280	4
1450	650	1390	-	-	280	3
1250	1200	1190	395	400	650	4
1250	1200	1190	-	-	650	3
1250	750	1190	-	-	480	3
1250	600	1190	-	-	280	3
1250	400	1190	-	-	180	3
1250	250	1190	-	-	180	3
800	1200	740	-	-	650	2
800	750	740	-	-	480	2
800	600	740	-	-	280	2
800	400	740	-	-	180	2
800	250	740	-	-	180	2
700	250	640	-	-	180	2
650	1200	590	-	-	650	2
600	600	540	ı	ı	280	2
600	400	540	-	-	180	2
550	750	490	-	-	480	2
250	1200	-	-	-	650	1
250	750	1	-	-	480	1
250	600	-	-	-	280	1
250	400	1	-	-	180	1
250	250	1	-	-	180	1

Table 2: Variable measures of the different sign types and their numbers of brackets to be used for the sign plates shown in Figure 3 and Figure 4.

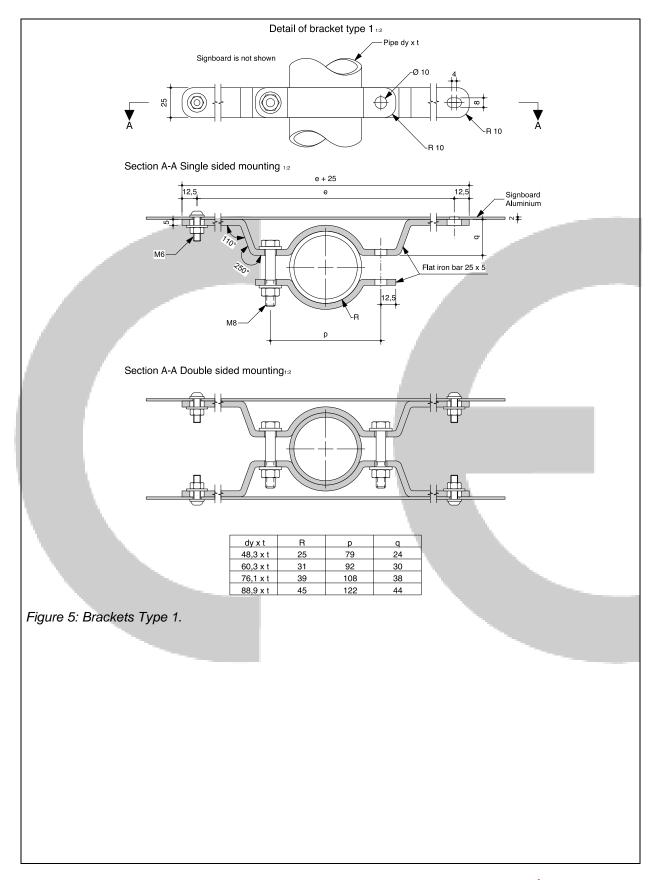


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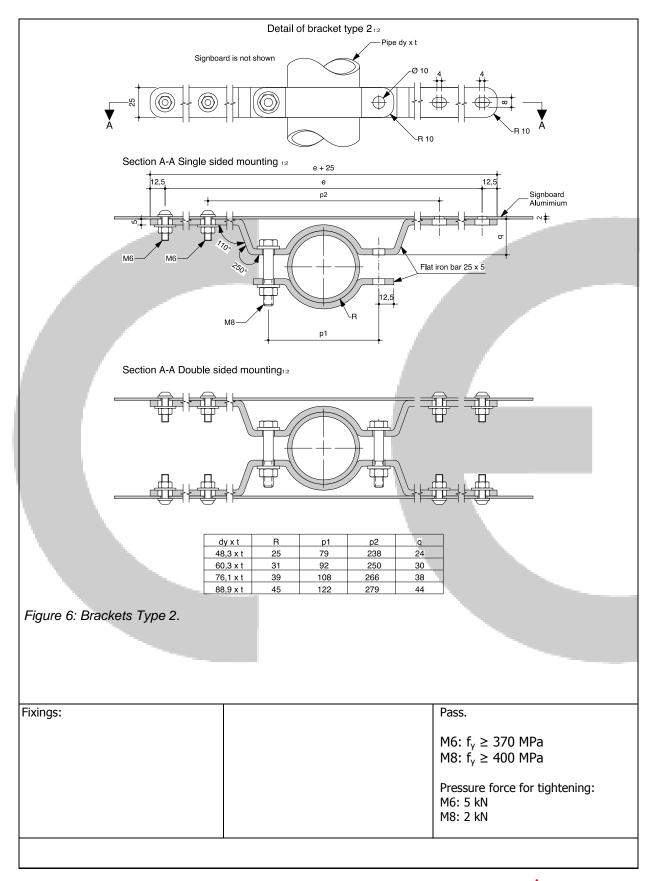


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Colour	Name of product	Visibility cha	aracteristics	Durability			
	<b>F</b>	Daylight Chromaticity & luminance factor 4.1.1.3. For black colours: 7.2.2.1.3	Coefficient of retroreflection 4.1.1.4	Impact resistance 4.1.2.	Resistance to weathering 4.1.1.5. For black colours: 7.2.2.1.4		
White	ORALITE <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	pass	pass		
Brown	ORALITE® 5710-080 Engineering Grade	CR2	RA1	pass	pass		
Retroreflective sheeting ORALITE® 5710 engineering Grade with the following Lettering Film:  Black ORALITE® 5071-070 Lettering Film NR1 - pass pass  Retroreflective sheeting ORALITE® 5710 engineering Grade with the following screen printing colours:							
Yellow	ORALITE <sup>©</sup> 5018-020 Screen Printing ink	CR2	RA1	pass	pass		
red	ORALITE <sup>©</sup> 5018-030 Screen Printing ink	CR2	RA1	pass	pass		
blue	ORALITE <sup>©</sup> 5018-050 Screen Printing ink	CR2	RA1	pass	pass		
Green	ORALITE© 5018-060 Screen Printing ink	CR2	RA1	pass	pass		
black	ORALITE <sup>©</sup> 5018-070 Screen Printing ink	NR1		pass	pass		

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Digital pr	inting colours:				
The digital	printing is processed on white retroreflective	e sheeting v	vith the digital printi	ng system A	GFA
	A M2050 High-Speed-UV-Inkjet-System and	is to be lam	inated with the trans	sparent lamir	nate
	5062-000 Transparent Film.				
	inting Colour ORALITE <sup>©</sup> 5019 UV Digit	al Printing	<u>Ink</u>		
On white	ORALITE <sup>©</sup> 5710-010 Engineering Grade				
sheeting	and		T =	1	Т
White	ORALITE® 5062-000 Transparent Film	CR2	RA1	pass	pass
Yellow	ORALITE <sup>©</sup> 5019-020 UV Digital Printing	CR2	RA1	pass	pass
	Ink and				
D 1	ORALITE® 5062-000 Transparent Film	CDO	D.4.4		
Red	ORALITE <sup>©</sup> 5019-030 UV Digital Printing	CR2	RA1	pass	pass
	Ink and				
Blue	ORALITE <sup>©</sup> 5062-000 Transparent Film ORALITE <sup>©</sup> 5019-050 UV Digital Printing	CR2	RA1	nace	nacc
Diue	Ink and	CRZ	KAI	pass	pass
	ORALITE <sup>©</sup> 5062-000 Transparent Film				
Green	ORALITE 5002-000 Transparent Film	CR2	RA1	nacc	nacc
Green	Ink and	CINZ	IVAI	pass	pass
	ORALITE <sup>©</sup> 5062-000 Transparent Film				
Grey	ORALITE® 5019-625 UV Digital Printing	CR2	RA1	pass	pass
dicy	Ink and	CITE	1011	puss	puss
/	ORALITE <sup>©</sup> 5062-000 Transparent Film				
Black	ORALITE© 5019-070 UV Digital Printing	NR1	-	pass	pass
	Ink and				
	ORALITE <sup>©</sup> 5062-000 Transparent Film				
If the colo	ur black is printed solely, this material comb	ination is ad	mitted to be used w	ithout the tra	ansparent
laminate.	. , ,				
Black	ORALITE <sup>©</sup> 5019-070 UV Digital Printing	NR1	-	pass	pass
	Ink			·	
	inting colour ORALITE <sup>©</sup> 5019i UV Digit	al Printing	Ink		
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	CR2	RA1	pass	pass
7	Ink and		1		
	ORALITE <sup>©</sup> 5062-000 Transparent Film		1		
Red	ORALITE <sup>©</sup> 5019i-030 UV Digital Printing	CR2	RA1	pass	pass
	Ink and				
	ORALITE® 5062-000 Transparent Film				
Blue	ORALITE <sup>©</sup> 5019i-050 UV Digital Printing	CR2	RA1	pass	pass
	Ink and				
Cusan	ORALITE® 5062-000 Transparent Film	CDO	DA1		
Green	ORALITE <sup>©</sup> 5019i-060 UV Digital Printing	CR2	RA1	pass	pass
	Ink and				
Orango	ORALITE <sup>©</sup> 5062-000 Transparent Film ORALITE <sup>©</sup> 5019i-035 UV Digital Printing	CR1	RA1	nacc	nacc
Orange	Ink and	CKI	KAI	pass	pass
	ORALITE <sup>©</sup> 5062-000 Transparent Film				
Brown	ORALITE® 5002-000 Transparent Film ORALITE® 5019i-080 UV Digital Printing	CR2	RA1	nacc	nacc
וואטום	Ink and	CRZ	LVAT	pass	pass
	ORALITE <sup>©</sup> 5062-000 Transparent Film				
Black	ORALITE 3002-000 Transparent Film	NR1	-	pass	pass
DIUCK	Ink and	INIXI		puss	pass
	ORALITE <sup>©</sup> 5062-000 Transparent Film				
	1 0.5 3002 000 Halloparelle Hilli			1	

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Claar	protective	overlay	film
ciear	protective	overiav	TIIM

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:

with the clear protective overlay him oraclife. 3033 Anti-Gramtur him for the following colours.									
Original dyed retroreflective sheeting ORALITE <sup>©</sup> 5710 Enginering Grade with screen-printing ORALITE <sup>©</sup> 5018									
Red	ORALITE <sup>©</sup> 5018-030 Screen Printing Ink	CR2	RA1	pass	pass				
	and								
	ORALITE <sup>©</sup> 5095 Anti-Graffiti Film								
Blue	ORALITE <sup>©</sup> 5018-050 Screen Printing Ink	CR2	RA1	pass	pass				
	and								
	ORALITE <sup>©</sup> 5095 Anti-Graffiti Film								
Black	ORALITE© 5018-070 Screen Printing Ink	NR1	-	pass	pass				
	and								
	ORALITE© 5095 Anti-Graffiti Film								

#### ORALITE<sup>©</sup> 5810 High Intensity Grade:

Retroreflective sheeting ORALITE<sup>©</sup> 5810 High Intensity Grade with the following original dyed colours:

Colour	Name of product	Visibility cha	aracteristics	Durability	
		Daylight	Coefficient of	Impact	Resistance
	/	Chromaticity	retroreflection	resistance	to
	ľ	& luminance	4.1.1.4	4.1.2.	weathering
		factor			4.1.1.5.
		4.1.1.3.			For black
		For black			colours:
		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 <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

Retrorefl	ective sheeting ORALITE® 5810 High I	ntensity Grade	with the fo	llowing Letter	ing Film:
Black	ORALITE <sup>©</sup> 5081-070 Lettering Film	NR1	-	pass	pass

# Retroreflective sheeting ORALITE<sup>©</sup> 5810 High Intensity Grade with the following Coloured Laminates:

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					

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Retroreflective sheeting ORALITE <sup>©</sup> 5810 High Intensity Grade with the following Screen Printing Colours:									
Yellow	ORALITE <sup>©</sup> 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				

#### **Digital Printing Colours:**

#### **Digital Printing Colour ORALITE® 5019 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 a transparent laminate.

Digital Printing with protective laminate ORALITE® 5061-000 Transparent Film								
On white sheeting	ORALITE <sup>©</sup> 5810-010 High Intensity Grade and							
White	ORALITE© 5061-000 Transparent Film	CR2	RA2	pass	pass			
Yellow	ORALITE <sup>©</sup> 5019-020 UV Digital Printing Ink and ORALITE <sup>©</sup> 5061-000 Transparent Film	CR2	RA2	pass	pass			
Red	ORALITE <sup>©</sup> 5019-030 UV Digital Printing Ink and ORALITE <sup>©</sup> 5061-000 Transparent Film	CR2	RA2	pass	pass			
Blue	ORALITE <sup>©</sup> 5019-050 UV Digital Printing Ink and ORALITE <sup>©</sup> 5061-000 Transparent Film	CR2	RA2	pass	pass			
Green	ORALITE <sup>©</sup> 5019-060 UV Digital Printing Ink and ORALITE <sup>©</sup> 5061-000 Transparent Film	CR2	RA2	pass	pass			
Brown	ORALITE <sup>©</sup> 5019-080 UV Digital Printing Ink and ORALITE <sup>©</sup> 5061-000 Transparent Film	CR2	RA2	pass	pass			
Dark 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			
*Coefficier	nt of retroreflection: Value for printed colours	70% of RA2						
Black	ORALITE <sup>©</sup> 5019-070 UV Digital Printing Ink and ORALITE <sup>©</sup> 5061-000 Transparent Film	NR1	-	pass	pass			

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On white	ORALITE©5810-010 High Intensity Grade				
sheeting	and				
White	ORALITE <sup>©</sup> 5090 Anti-Dew Film	CR2	RA2	pass	pass
Yellow	ORALITE <sup>©</sup> 5019-020 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE <sup>©</sup> 5090 Anti-Dew Film			'	'
Red	ORALITE <sup>©</sup> 5019-030 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE <sup>©</sup> 5090 Anti-Dew Film			'	'
Blue	ORALITE <sup>©</sup> 5019-050 UV Digital Printing	CR2	RA2*	pass	pass
	Ink and ORALITE <sup>©</sup> 5090 Anti-Dew Film			'	'
Green	ORALITE <sup>©</sup> 5019-060 UV Digital Printing	CR2	RA2*	pass	pass
	Ink and ORALITE <sup>©</sup> 5090 Anti-Dew Film			'	1'
Brown	ORALITE <sup>©</sup> 5019-080 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE <sup>©</sup> 5090 Anti-Dew Film			'	·
Dark	ORALITE <sup>©</sup> 5019-625 UV Digital Printing	CR2	RA2	pass	pass
Green	Ink and ORALITE <sup>©</sup> 5090 Anti-Dew Film				'
Grey	ORALITE© 5019-073 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE® 5090 Anti-Dew Film				
*Coefficie	nt of retroreflection: Value for printed colours	5 70% of RA	\2	<u>'</u>	
Black	ORALITE <sup>©</sup> 5019-070 UV Digital Printing	NR1	- /	pass	pass
	Ink and ORALITE <sup>©</sup> 5090 Anti-Dew Film				
		1			
Digital P	rinting with protective laminate ORALIT	TE <sup>©</sup> 5095 A	nti-Graffiti Fili	n:	
On white	ORALITE©5810-010 High Intensity Grade				
sheeting	and				
White	ORALITE© 5095 Anti-Graffitti Film	CR2	RA2	pass	pass
Yellow	ORALITE© 5019-020 UV Digital Printing	CR2	RA2	pass	pass
YEIIOW		CITZ			
Yellow	Ink and ORALITE® 5095 Anti-Graffiti Film			Pass	pass
	Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film	CR2			
Red	Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film ORALITE <sup>©</sup> 5019-030 UV Digital Printing	CR2	RA2	pass	pass
Red	Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film ORALITE <sup>©</sup> 5019-030 UV Digital Printing Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film		RA2	pass	pass
	Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film ORALITE <sup>©</sup> 5019-030 UV Digital Printing Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film ORALITE <sup>©</sup> 5019-050 UV Digital Printing	CR2			
Red	Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film ORALITE <sup>©</sup> 5019-030 UV Digital Printing Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film ORALITE <sup>©</sup> 5019-050 UV Digital Printing Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film	CR2	RA2 RA2*	pass	pass
Red	Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film ORALITE <sup>©</sup> 5019-030 UV Digital Printing Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film ORALITE <sup>©</sup> 5019-050 UV Digital Printing Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film ORALITE <sup>©</sup> 5019-060 UV Digital Printing		RA2	pass	pass
Red Blue Green	Ink 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*	pass pass pass	pass pass pass
Red	Ink 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	CR2	RA2 RA2*	pass	pass
Red Blue Green Braun	Ink 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* RA2	pass pass pass pass	pass pass pass pass
Red Blue Green	Ink 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	CR2	RA2 RA2*	pass pass pass	pass pass pass
Red Blue Green Braun Grey	Ink 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	CR2 CR2 CR2 CR2	RA2 RA2* RA2* RA2 RA2	pass pass pass pass	pass pass pass pass
Red Blue Green Braun Grey *Coefficie	Ink 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 ort of retrorefelction: Value for printed colours	CR2 CR2 CR2 CR2 CR2 CR2 CR2	RA2 RA2* RA2* RA2 RA2	pass pass pass pass pass	pass pass pass pass pass pass
Red Blue Green Braun Grey	Ink 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® 5019-070 UV Digital Printing ORALITE® 5019-070 UV Digital Printing	CR2 CR2 CR2 CR2	RA2 RA2* RA2* RA2 RA2	pass pass pass pass	pass pass pass pass
Red Blue Green Braun Grey *Coefficien Black	Ink 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  of retrorefelction: Value for printed colours  ORALITE® 5019-070 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  orallorem 5019-070 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  orallorem 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
Red Blue Green Braun Grey *Coefficie Black If the colo	Ink 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® 5019-070 UV Digital Printing ORALITE® 5019-070 UV Digital Printing	CR2 CR2 CR2 CR2 CR2 CR2 NR1	RA2 RA2* RA2* RA2 RA2 -	pass pass pass pass pass pass	pass pass pass pass pass pass
Red Blue Green Braun Grey *Coefficien Black If the colon laminate	Ink 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® 5019-070 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  oralite® 5019-070 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  oralite® 5019-070 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  oralite® 5019-070 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  oralite® 5019-070 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  oralite® 5019-070 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film	CR2 CR2 CR2 CR2 CR2 CR2 NR1 Ination is ad	RA2 RA2* RA2* RA2 RA2 -	pass pass pass pass pass pass d without the t	pass pass pass pass pass pass pass transparent
Red Blue Green Braun Grey *Coefficien Black If the color	Ink 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  of retrorefelction: Value for printed colours  ORALITE® 5019-070 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  orallorem 5019-070 UV Digital Printing Ink and ORALITE® 5095 Anti-Graffiti Film  orallorem 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

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	rinting Colour ORALITE <sup>©</sup> 5019i UV Digit				
	printing is processed on white retroreflective				
	A M2050 High-Speed-UV-Inkjet-System and i	s to be laminate	ed with the transp	parent lamina	ate
	5061-000 Transparent Film				
On white	ORALITE <sup>©</sup> 5810-010 High Intensity Grade				
sheeting	and	CD2	D 4 2		1
White	ORALITE© 5061-000 Transparent Film	CR2	RA2	pass	pass
Yellow	ORALITE <sup>©</sup> 5019i-020 UV Digital Printing Ink and ORALITE <sup>©</sup> 5061-000 Transparent	CR2	RA2	pass	pass
	Film				
Red	ORALITE <sup>©</sup> 5019i-030 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE <sup>©</sup> 5061-000 Transparent			•	
	Film				
Blue	ORALITE© 5019i-050 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE <sup>©</sup> 5061-000 Transparent				
	Film				
Green	ORALITE© 5019i-060 UV Digital Printing	CR2	RA2	pass	pass
4	Ink and ORALITE® 5061-000 Transparent				
Brown	Film ORALITE® 5019i-080 UV Digital Printing	CR2	RA2	nacc	pass
DIOWII	Ink and ORALITE® 5061-000 Transparent	CNZ	NAZ	pass	pass
	Film				
Dark	ORALITE <sup>©</sup> 5019i-625 UV Digital Printing	CR2	RA2	pass	pass
Green	Ink and ORALITE® 5061-000 Transparent	0.12		pass	Pass
O. CC.	Film				
Grey	ORALITE <sup>©</sup> 5019i-073 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE <sup>©</sup> 5061-000 Transparent				
	Film				
Black	ORALITE <sup>©</sup> 5019i-070 UV Digital Printing	NR1	-	pass	pass
	Ink and ORALITE <sup>©</sup> 5061-000 Transparent				
	Film				
	erlay film with special function:				
	lay films with special function (anti-dew and	anti-graffiti) are	e always admitted	in combinat	ion with a
	ting and a colouring process.		$\overline{}$		
Anti Dew					
	sheeting and the combination with coloured l $$ m anti-dew function ORALITE $^{\odot}$ 5090 Andi-De			essea with th	ie ciear
overiav IIII	TI ANU-UEW TUNCUON ORALITE' 5090 ANUI-DE	w mm for the re	ollowing colours:		
Dyed Ret	roreflective Sheeting:	CDO	l DAG	T	Lucas
	roreflective Sheeting: ORALITE <sup>©</sup> 5810-010 High Intensity Grade	CR2	RA2	pass	pass
<b>Dyed Ret</b> White	oracline Sheeting: ORALITE® 5810-010 High Intensity Grade and ORALITE® 5090 Anti-Dew film			·	•
Dyed Ret	oralite® 5810-010 High Intensity Grade and ORALITE® 5890 Anti-Dew film ORALITE® 5810-020 High Intensity Grade	CR2	RA2	pass	pass
Dyed Ret White Yellow	oraclite Sheeting:  ORALITE® 5810-010 High Intensity Grade and ORALITE® 5090 Anti-Dew film  ORALITE® 5810-020 High Intensity Grade and ORALITE® 5090 Anti-Dew film	CR2	RA2	pass	pass
<b>Dyed Ret</b> White	ORALITE® 5810-010 High Intensity Grade and ORALITE® 5090 Anti-Dew film ORALITE® 5810-020 High Intensity Grade and ORALITE® 5090 Anti-Dew film ORALITE® 5810-030 High Intensity Grade			·	•
Dyed Ret White Yellow	oraclite Sheeting:  ORALITE® 5810-010 High Intensity Grade and ORALITE® 5090 Anti-Dew film  ORALITE® 5810-020 High Intensity Grade and ORALITE® 5090 Anti-Dew film	CR2	RA2	pass	pass

Dyed Retrofeflective Sheeting ORALITE<sup>©</sup> 5810 High Intensity Grade with Coloured Laminate:

CR2

CR2

CR2

RA2

RA2

RA2

pass

pass

pass

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ORALITE<sup>©</sup> 5061-020 Transparent Film

ORALITE<sup>©</sup> 5061-050 Transparent Film

and ORALITE<sup>©</sup> 5090 Anti-Dew film
ORALITE<sup>©</sup> 5061-030 Transparent Film

and ORALITE<sup>©</sup> 5090 Anti-Dew film

and ORALITE<sup>©</sup> 5090 Anti-Dew film



Yellow

Red

Blue

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



pass

pass

pass

Issue date: 2018-04-18



Dyed Retroreflective Sheeting ORALITE <sup>©</sup> 5810 High Intensity Grade with Lettering film:							
Black	ORALITE <sup>©</sup> 5081-070 Lettering Film and ORALITE <sup>©</sup> 5090 Anti-Dew film	NR1	-		pass	pass	
	•	•			·	•	
Anti-Gra	ffiti:						
The dyed	sheeting and the combination with coloured	laminates is ac	ccepted	to be proces	sed with th	ne clear	
overlay fil	m with anti-graffiti function ORALITE <sup>©</sup> 5095	Anti Graffiti Fili	m for th	ne following	colours.		
	troreflective Sheeting:						
White	ORALITE <sup>©</sup> 5810-010 High Intensity Grade	CR2	R	RA2	pass	pass	
	and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film						
Yellow	ORALITE <sup>©</sup> 5810-020 High Intensity Grade	CR2	R	RA2	pass	pass	
	and ORALITE® 5095 Anti-Graffiti Film	0.1=			Pass	P 0.00	
Red	ORALITE <sup>©</sup> 5810-030 High Intensity Grade	CR2	R	RA2	pass	pass	
	and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film	O. 1.			Pass	puss	
Blue	ORALITE® 5810-050 High Intensity Grade	CR2	R	RA2	pass	pass	
2.00	and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film	O. 1.			P 4 5 5	Puss	
		1	I				
Dved Re	troreflective Sheeting ORALITE <sup>©</sup> 5810 H	liah Intensit	v Grad	e with Colo	ured I am	inate:	
Yellow	ORALITE® 5061-020 Transparent Film	CR2		RA2	pass	pass	
TCIIOVV	and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film	CITE	'`	0.12	puss	puss	
Red	ORALITE® 5061-030 Transparent Film	CR2	R	RA2	pass	pass	
Red	and ORALITE® 5095 Anti-Graffiti Film	CINZ	, ,	V~Z	pass	pass	
Blue	ORALITE® 5061-050 Transparent Film	CR2	Р	RA2	pass	pass	
Dide	and ORALITE® 5095 Anti-Graffiti Film	CINZ	`	VAZ	pass	pass	
	and OKALITE 5095 And Grand Hill					1	
Dyod Bot	troreflective Sheeting ORALITE® 5810 F	ligh Intoncit	v Grad	o with Lotte	orina Eilm		
Black	ORALITE® 5081-070 Lettering Film	NR1	y Grau	e with Letti			
Віаск	and ORALITE® 5081-070 Lettering Film	NKI	-		pass	pass	
	and ORALITE® 5095 And-Graniu Film						
E							
External II	lumination:						
mann illium	ninanco			NPD			
mean illun	ninance,			INPU			
· · · · · · · · · · · · · · · · · · ·	- £ 'II'			NDD			
uniformity	of illuminance			NPD			
	11						
	resistance						
Brackets			7	Minimum S			
					vanized to	a minimum of	
				60μm.			
				SP1			
Screws, nu	ts and washers					SP1 or SP2	
				according	to materia	al.	
				M8: $f_v \ge 4$	00 MPa, 9	SP1 or SP2	
				According			
Aluminum ı	plate			SP1			
,	Side				l-plate on o	exposed side if	
				any	р		
Resistance	e to penetration of dust			NPD			
and water	·			5			
and water				The produc	t can not h	e provided	
				with compa			
				equipment			
				2-1			

The certificate shall be reproduced in extenso

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Annex 2

#### **TECHNICAL BASIS**

Date
September 2017
2009-03-17 2016-03-31
2012-06-27 2016-03-31

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