Issue date: 2017-11-21



### **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

### Gallows with mounted signboards type BS

Scope:

Fixed vertical road trafic signs (ZA.6)

The product fulfils the essential characteristic:

#### See Annex 1

Intended use:

Complete assemblies of fixed vertical road traffic signs, to be mounted at the top of a straight steel pipe

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

INFRA Group Danmark ApS Industrivej 27 5750 Ringe Danmark

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: 2017-11-21.

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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.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 was first issued 2017-11-21.

Per Lyster Responsible for evaluation

Merete Poulsen Responsible for certification decision



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

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

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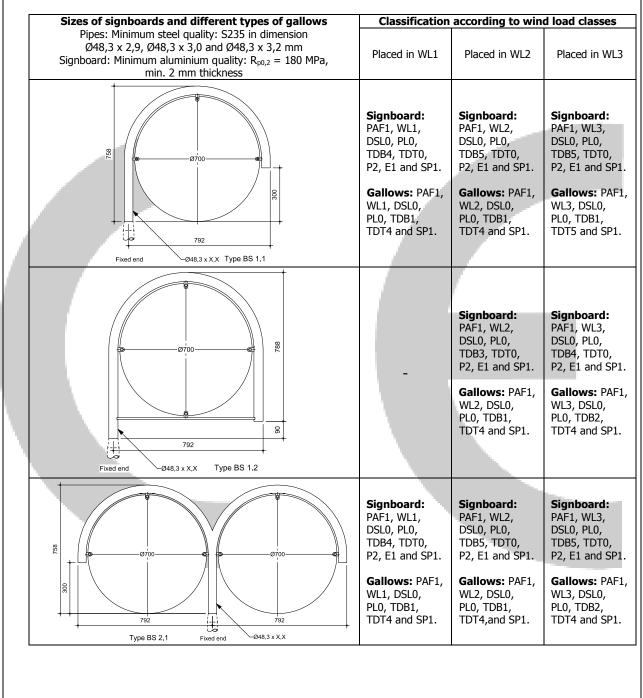
Issue date: 2017-11-21



Annex 1

#### **EXTENT** Description and classification:

### Sign sizes are maximum sizes (Ø, h and w)



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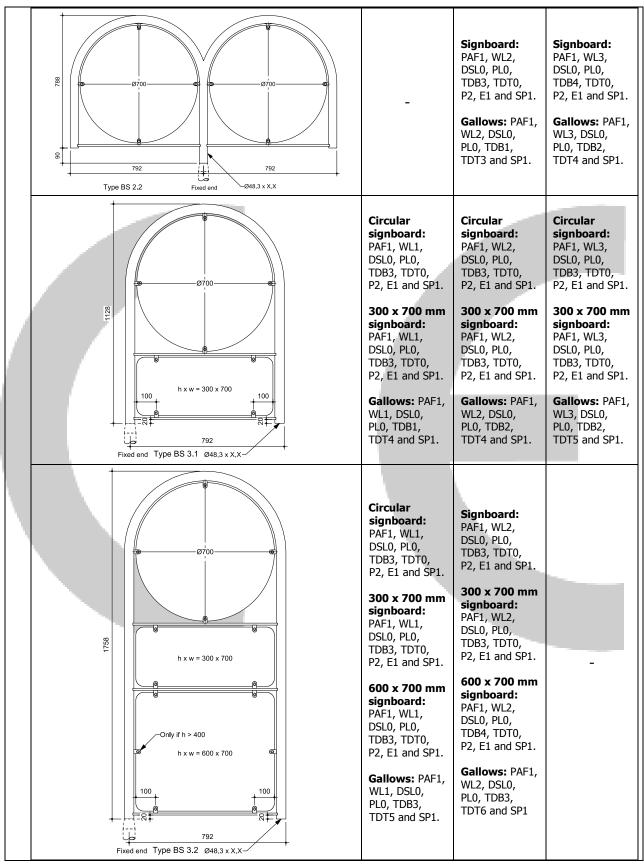
Jernholmen 12, 2650 Hvidovre Tlf.: 36 34 90 90 E-mail: info@dbicertification.dk www.dbicertification.dk



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Issue date: 2017-11-21



ixings: 913					Pass.		
913							
					The sian	s, sizes and	gallows are
						for mounti	
						er straight s	
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					straight	steel is the s	support for
					the sign.		
6	a an an an an an bhalla tha an ab				NDD		
erforman	ce under vehicle impact				NPD To be dec	lared on the	support
ORALIT	E <sup>©</sup> 5710 Engineering Gra	ade:					
	lective sheeting ORALI	۲E <sup>©</sup> 5710 Engine	ering Grade w	vith th	e followii	ng original o	dyed
colours:							
						D	
Colour	Name of product		Visibility cha		ficient of	Durability	
			Daylight			Impact	Resistance
			Chromaticity		reflection	resistance	to
			& luminance	4.1.1	1.4	4.1.2.	weathering
			factor	1			4.1.1.5.
			4.1.1.3.				For black
	V		For black				colours:
			colours:				7.2.2.1.4
			7.2.2.1.3				
White	ORALITE <sup>©</sup> 5710-010 Eng	jineering Grade	CR2	RA1		pass	pass
Yellow	ORALITE <sup>©</sup> 5710-020 Eng	gineering Grade	CR2	RA1		pass	pass
Red	ORALITE <sup>©</sup> 5710-030 Eng		CR2	RA1		pass	pass
Blue	ORALITE <sup>©</sup> 5710-050 Eng	jineering Grade	CR2	RA1		pass	pass
Green	ORALITE <sup>©</sup> 5710-060 Eng	jineering Grade	CR2	RA1		pass	pass
Orange	ORALITE <sup>©</sup> 5710-035 Eng	jineering Grade	CR1	RA1		pass	pass
Brown		gineering Grade	CR2	RA1		pass	pass
DIOWII	ORALITE 5710-000 LIN						. Eilm.
		F <sup>©</sup> 5710 engine	ering Grade w	vith th	e followir	ια ι επετιπο	
Retroref	flective sheeting ORALI	_			e followir	ig Lettering	,
		_	eering Grade w	rith th -	e followir	pass	pass
<b>Retroref</b> Black	<b>ective sheeting ORALI</b>	tering Film	NR1	-	_	pass	pass
Retroref Black Retroref	flective sheeting ORALI	tering Film	NR1	-	_	pass	pass
Retroref Black Retroref colours:	ORALITE <sup>©</sup> 5071-070 Let	tering Film FE <sup>©</sup> 5710 engine	NR1	ith th	_	pass	pass rinting
Retroref Black Retroref colours: Yellow	ORALITE <sup>©</sup> 5071-070 Let	tering Film <b>FE<sup>©</sup> 5710 engine</b> reen Printing ink	NR1 eering Grade w	rith th	_	pass ng screen pr pass	pass rinting pass
Retroref Black Retroref colours: Yellow red	ORALITE <sup>©</sup> 5071-070 Let ORALITE <sup>©</sup> 5071-070 Let Dective sheeting ORALIT ORALITE <sup>©</sup> 5018-020 Scr ORALITE <sup>©</sup> 5018-030 Scr	tering Film <b>FE<sup>©</sup> 5710 engine</b> reen Printing ink reen Printing ink	NR1 eering Grade w	- rith th RA1 RA1	_	pass ng screen pr pass pass	pass rinting pass pass
Retroref Black Retroref colours: Yellow red blue	ORALITE <sup>©</sup> 5071-070 Let ORALITE <sup>©</sup> 5071-070 Let Dective sheeting ORALIT ORALITE <sup>©</sup> 5018-020 Scr ORALITE <sup>©</sup> 5018-030 Scr ORALITE <sup>©</sup> 5018-050 Scr	tering Film <b>FE<sup>©</sup> 5710 engine</b> reen Printing ink reen Printing ink reen Printing ink	NR1 eering Grade w CR2 CR2 CR2 CR2	- rith th RA1 RA1 RA1	_	pass ng screen pr pass pass pass	pass rinting pass pass pass
<b>Retroref</b> Black	ORALITE <sup>©</sup> 5071-070 Let ORALITE <sup>©</sup> 5071-070 Let Dective sheeting ORALIT ORALITE <sup>©</sup> 5018-020 Scr ORALITE <sup>©</sup> 5018-030 Scr	tering Film <b>FE<sup>©</sup> 5710 engine</b> reen Printing ink reen Printing ink reen Printing ink reen Printing ink	NR1 eering Grade w	- rith th RA1 RA1	_	pass ng screen pr pass pass	pass rinting pass pass

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DBI Certification A/S

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

Issue date: 2017-11-21



#### Digital printing colours:

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<sup>©</sup> 5062-000 Transparent Film.

On white	ORALITE <sup>©</sup> 5710-010 Engineering Grade				
sheeting	and				
White	ORALITE <sup>©</sup> 5062-000 Transparent Film	CR2	RA1	pass	pass
Yellow	ORALITE <sup>©</sup> 5019-020 UV Digital Printing	CR2	RA1	pass	pass
I CHOW	Ink and	CITZ	1011	pass	pass
	ORALITE <sup>©</sup> 5062-000 Transparent Film				
Red	ORALITE <sup>©</sup> 5019-030 UV Digital Printing	CR2	RA1	pass	pass
Reu	Ink and	CNZ	NAI	pass	pass
	ORALITE <sup>©</sup> 5062-000 Transparent Film				
Blue	ORALITE <sup>©</sup> 5019-050 UV Digital Printing	CR2	RA1	2255	0000
Diue	Ink and	CNZ	NAI	pass	pass
	ORALITE <sup>©</sup> 5062-000 Transparent Film			1	
Custon		602	DA1		
Green	ORALITE <sup>©</sup> 5019-060 UV Digital Printing	CR2	RA1	pass	pass
	Ink and				
~	ORALITE <sup>©</sup> 5062-000 Transparent Film	0000		_	
Grey	ORALITE <sup>©</sup> 5019-625 UV Digital Printing	CR2	RA1	pass	pass
	Ink and				
	ORALITE <sup>©</sup> 5062-000 Transparent Film		_		
Black	ORALITE <sup>©</sup> 5019-070 UV Digital Printing	NR1	-	pass	pass
	Ink and				
	ORALITE <sup>©</sup> 5062-000 Transparent Film				
	ur black is printed solely, this material comb	ination is ad	mitted to be used	without the t	ransparent
laminate.	<u>.</u>	-			
		NID 1			pass
Black	ORALITE <sup>©</sup> 5019-070 UV Digital Printing	NR1	-	pass	pass
Black	Ink	NRI	-	pass	pass
Black		NRI	-	pass	pass
_			Ink	pass	μασσ
_	Ink		Ink	pass	
<b>Digital p</b> r On white	Ink inting colour ORALITE <sup>©</sup> 5019i UV Digit		Ink		
<b>Digital pr</b> On white sheeting	Ink inting colour ORALITE <sup>©</sup> 5019i UV Digit ORALITE <sup>©</sup> 5710-010 Engineering Grade and		- Ink RA1		
<b>Digital pr</b> On white sheeting White	Ink inting colour ORALITE <sup>®</sup> 5019i UV Digit ORALITE <sup>®</sup> 5710-010 Engineering Grade and ORALITE <sup>®</sup> 5062-000 Transparent Film	cal Printing	RA1	pass	pass
<b>Digital pr</b> On white sheeting	Ink inting colour ORALITE <sup>©</sup> 5019i UV Digit ORALITE <sup>©</sup> 5710-010 Engineering Grade and ORALITE <sup>©</sup> 5062-000 Transparent Film ORALITE <sup>©</sup> 5019i-020 UV Digital Printing	al Printing			
<b>Digital pr</b> On white sheeting White	Ink inting colour ORALITE <sup>©</sup> 5019i UV Digit ORALITE <sup>©</sup> 5710-010 Engineering Grade and ORALITE <sup>©</sup> 5062-000 Transparent Film ORALITE <sup>©</sup> 5019i-020 UV Digital Printing Ink and	cal Printing	RA1	pass	pass
<b>Digital pr</b> On white sheeting White Yellow	Ink inting colour ORALITE <sup>©</sup> 5019i UV Digit ORALITE <sup>©</sup> 5710-010 Engineering Grade and ORALITE <sup>©</sup> 5062-000 Transparent Film ORALITE <sup>©</sup> 5019i-020 UV Digital Printing Ink and ORALITE <sup>©</sup> 5062-000 Transparent Film	al Printing CR2 CR2 CR2	RA1 RA1	pass pass	pass pass
<b>Digital pr</b> On white sheeting White	Ink inting colour ORALITE <sup>©</sup> 5019i UV Digit ORALITE <sup>©</sup> 5710-010 Engineering Grade and ORALITE <sup>©</sup> 5062-000 Transparent Film ORALITE <sup>©</sup> 5019i-020 UV Digital Printing Ink and ORALITE <sup>©</sup> 5062-000 Transparent Film ORALITE <sup>©</sup> 5019i-030 UV Digital Printing	cal Printing	RA1	pass	pass
<b>Digital pr</b> On white sheeting White Yellow	Ink inting colour ORALITE <sup>©</sup> 5019i UV Digit ORALITE <sup>©</sup> 5710-010 Engineering Grade and ORALITE <sup>©</sup> 5062-000 Transparent Film ORALITE <sup>©</sup> 5019i-020 UV Digital Printing Ink and ORALITE <sup>©</sup> 5062-000 Transparent Film ORALITE <sup>©</sup> 5019i-030 UV Digital Printing Ink and	al Printing CR2 CR2 CR2	RA1 RA1	pass pass	pass pass
Digital pr On white sheeting White Yellow Red	Ink inting colour ORALITE <sup>©</sup> 5019i UV Digit ORALITE <sup>©</sup> 5710-010 Engineering Grade and ORALITE <sup>©</sup> 5062-000 Transparent Film ORALITE <sup>©</sup> 5019i-020 UV Digital Printing Ink and ORALITE <sup>©</sup> 5062-000 Transparent Film ORALITE <sup>©</sup> 5062-000 Transparent Film	CR2 CR2 CR2 CR2 CR2	RA1 RA1 RA1	pass pass pass	pass pass pass
<b>Digital pr</b> On white sheeting White Yellow	Ink inting colour ORALITE <sup>®</sup> 5019i UV Digit ORALITE <sup>®</sup> 5710-010 Engineering Grade and ORALITE <sup>®</sup> 5062-000 Transparent Film ORALITE <sup>®</sup> 5019i-020 UV Digital Printing Ink and ORALITE <sup>®</sup> 5062-000 Transparent Film ORALITE <sup>®</sup> 5019i-030 UV Digital Printing Ink and ORALITE <sup>®</sup> 5062-000 Transparent Film ORALITE <sup>®</sup> 5019i-050 UV Digital Printing	al Printing CR2 CR2 CR2	RA1 RA1	pass pass	pass pass
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Digital pr On white sheeting White Yellow Red Blue Green Orange	Ink inting colour ORALITE <sup>©</sup> 5019i UV Digit ORALITE <sup>©</sup> 5710-010 Engineering Grade and ORALITE <sup>©</sup> 5062-000 Transparent Film ORALITE <sup>©</sup> 5019i-020 UV Digital Printing Ink and ORALITE <sup>©</sup> 5062-000 Transparent Film ORALITE <sup>©</sup> 5019i-030 UV Digital Printing Ink and ORALITE <sup>©</sup> 5062-000 Transparent Film ORALITE <sup>©</sup> 5019i-035 UV Digital Printing Ink and ORALITE <sup>©</sup> 5019i-035 UV Digital Printing Ink and ORALITE <sup>©</sup> 5019i-080 UV Digital Printing Ink and	al Printing CR2	RA1 RA1 RA1 RA1 RA1 RA1 RA1 RA1	pass pass pass pass pass pass pass pass	pass pass pass pass pass pass pass pass
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### Clear protective overlay film:

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

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Issue date: 2017-11-21



	ear protective overlay film ORALITE <sup>©</sup> 5095 A	nti-Graffitti Film	LITE <sup>©</sup> 5018 is a n for the followin	g colours:	
Ded	ved retroreflective sheeting ORALITE <sup>©</sup> 5710 E			inting ORALI	TE <sup>©</sup> 5018
Red	ORALITE <sup>©</sup> 5018-030 Screen Printing Ink and	CR2	RA1	pass	pass
	ORALITE <sup>©</sup> 5095 Anti-Graffiti Film				
Blue	ORALITE <sup>©</sup> 5018-050 Screen Printing Ink and	CR2	RA1	pass	pass
Black	ORALITE <sup>©</sup> 5095 Anti-Graffiti Film ORALITE <sup>©</sup> 5018-070 Screen Printing Ink	NR1	-	pass	pass
	ORALITE <sup>©</sup> 5095 Anti-Graffiti Film				
ORALITE	<sup>©</sup> 5810 High Intensity Grade:				
Retrorefl colours:	ective sheeting ORALITE <sup>©</sup> 5810 High In	tensity Grade	with the follow	wing origina	al dyed
Colour	Name of product	Visibility cha	aracteristics	Durability	,
Coloui		Daylight	Coefficient of	Impact	Resistance
		Chromaticity		resistance	to
		& luminance	4.1.1.4	4.1.2.	weathering
		factor	7.1.1.7	7.1.2.	4.1.1.5.
		4.1.1.3.			For black
		For black			
					colours:
		colours:			7.2.2.1.4
		7.2.2.1.3	<b>D</b> 4 2		
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
GICCH	ORALITE <sup>©</sup> 5810-080 High Intensity Grade	CR2	RA2	pass	pass
Brown			e with the follow	wing Letter	ing Film:
Brown <b>Retrorefl</b>	ective sheeting ORALITE <sup>©</sup> 5810 High In				
Brown <b>Retrorefl</b>	ective sheeting ORALITE <sup>©</sup> 5810 High In ORALITE <sup>©</sup> 5081-070 Lettering Film	NR1	-	pass	pass
Brown <b>Retrorefl</b> Black	ORALITE <sup>©</sup> 5081-070 Lettering Film	NR1	-		
Brown Retrorefl Black Retrorefl Laminate	ORALITE <sup>©</sup> 5081-070 Lettering Film ective sheeting ORALITE <sup>©</sup> 5810 High In s:	NR1 tensity Grade	- with the follow		
Brown Retrorefl Black Retrorefl Laminate	ORALITE <sup>©</sup> 5081-070 Lettering Film ective sheeting ORALITE <sup>©</sup> 5810 High In s: ORALITE <sup>©</sup> 5061-020 Transparent Film	NR1 tensity Grade	- e with the follow RA2		
Brown Retrorefl Black Retrorefl Laminate Yellow	ORALITE <sup>©</sup> 5081-070 Lettering Film ective sheeting ORALITE <sup>©</sup> 5810 High In s: ORALITE <sup>©</sup> 5061-020 Transparent Film ORALITE <sup>©</sup> 5061-030 Transparent Film	NR1 tensity Grade	- with the follow	wing Colour	ed
Brown Retrorefl Black Retrorefl Laminate Yellow Red	ORALITE <sup>©</sup> 5081-070 Lettering Film ective sheeting ORALITE <sup>©</sup> 5810 High In s: ORALITE <sup>©</sup> 5061-020 Transparent Film ORALITE <sup>©</sup> 5061-030 Transparent Film ORALITE <sup>©</sup> 5061-050 Transparent Film	NR1 tensity Grade	- e with the follow RA2	wing Colour	r <b>ed</b>
Brown <b>Retrorefl</b> Black	ORALITE <sup>©</sup> 5081-070 Lettering Film ective sheeting ORALITE <sup>©</sup> 5810 High In s: ORALITE <sup>©</sup> 5061-020 Transparent Film ORALITE <sup>©</sup> 5061-030 Transparent Film	NR1 tensity Grade CR2 CR2	- with the follow RA2 RA2	wing Colour pass pass	pass pass
Brown Retrorefl Black Retrorefl Laminate Yellow Red Blue	ORALITE <sup>©</sup> 5081-070 Lettering Film ective sheeting ORALITE <sup>©</sup> 5810 High In s: ORALITE <sup>©</sup> 5061-020 Transparent Film ORALITE <sup>©</sup> 5061-030 Transparent Film ORALITE <sup>©</sup> 5061-050 Transparent Film	NR1 tensity Grade CR2 CR2 CR2 CR2	- with the follow RA2 RA2 RA2 RA2	pass pass pass pass	pass pass pass pass
Brown Retrorefl Black Retrorefl Laminate Yellow Red Blue Green	ORALITE <sup>©</sup> 5081-070 Lettering Film ective sheeting ORALITE <sup>©</sup> 5810 High In s: ORALITE <sup>©</sup> 5061-020 Transparent Film ORALITE <sup>©</sup> 5061-030 Transparent Film ORALITE <sup>©</sup> 5061-050 Transparent Film ORALITE <sup>©</sup> 5061-060 Transparent Film	NR1 tensity Grade CR2 CR2 CR2 CR2 CR2	- RA2 RA2 RA2 RA2 RA2 RA2 RA2	pass pass pass pass pass	ed pass pass pass pass pass

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Colours: Yellow	ODALITE <sup>©</sup> E018 020 Serees Printing Tak	CDD	DAD	<b>D</b> 200	nacc
	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 Pr The digital ANAPURN	rinting Colours: rinting Colour ORALITE <sup>©</sup> 5019 UV Digita I printing is processed on white retroreflective A M2050 High-Speed-UV-Inkjet-System and i	e sheeting w s to be lamir	ith the digital prin nated with a trans	sparent lamina	
	rinting with protective laminate ORALI1	E <sup>©</sup> 5061-0	00 Transparent	: Film	
On white	ORALITE <sup>©</sup> 5810-010 High Intensity Grade				
sheeting	and				
White	ORALITE <sup>©</sup> 5061-000 Transparent Film	CR2	RA2	pass	pass
Yellow	ORALITE <sup>©</sup> 5019-020 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE <sup>©</sup> 5061-000 Transparent Film				
Red	ORALITE <sup>©</sup> 5019-030 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE <sup>©</sup> 5061-000 Transparent				1
	Film				
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	5 70% of RA2	2		
Black	ORALITE <sup>©</sup> 5019-070 UV Digital Printing Ink and ORALITE <sup>©</sup> 5061-000 Transparent Film	NR1	-	pass	pass
			nti-Dew Film:		

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	ORALITE <sup>©</sup> 5810-010 High Intensity Grade and				
sheeting 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
i chott	Ink and ORALITE <sup>©</sup> 5090 Anti-Dew Film	ONE	10.2	pubb	pass
Red	ORALITE <sup>©</sup> 5019-030 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE <sup>©</sup> 5090 Anti-Dew Film	-			F
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			-	-
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 <sup>©</sup> 5019-073 UV Digital Printing Ink and ORALITE <sup>©</sup> 5090 Anti-Dew Film	CR2	RA2	pass	pass
*Coefficier	nt of retroreflection: Value for printed colours	570% of RA2			
Black	ORALITE <sup>©</sup> 5019-070 UV Digital Printing	NR1		pass	pass
	Ink and ORALITE <sup>©</sup> 5090 Anti-Dew Film				
		-			
	rinting with protective laminate ORALIT	'E <sup>©</sup> 5095 An	ti-Graffiti Film:		
On white	ORALITE <sup>©</sup> 5810-010 High Intensity Grade				
sheeting	and			1	1
White	ORALITE <sup>©</sup> 5095 Anti-Graffitti Film	CR2	RA2	pass	pass
Yellow	ORALITE <sup>©</sup> 5019-020 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film				
Red	ORALITE <sup>©</sup> 5019-030 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film				
Blue	ORALITE <sup>©</sup> 5019-050 UV Digital Printing	CR2	RA2*	pass	pass
_	Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film	000	D 4 D k		
Green	ORALITE <sup>©</sup> 5019-060 UV Digital Printing	CR2	RA2*	pass	pass
Duran	Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film	<b>CD</b> 2	D 4 2		
Braun	ORALITE <sup>©</sup> 5019-080 UV Digital Printing	CR2	RA2	pass	pass
C	Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film	<b>CD</b> 2	D42		
Grey	ORALITE <sup>©</sup> 5019-073 UV Digital Printing Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film	CR2	RA2	pass	pass
*Coofficion		700/ of DA2			
Black	nt of retrorefelction: Value for printed colours ORALITE <sup>©</sup> 5019-070 UV Digital Printing	NR1	1.		
DIACK	0	NKI		pass	pass
If the colo	Ink and ORALITE <sup>©</sup> 5095 Anti-Graffiti Film In Black is printed solely, this material combi	nation is adm	vitted to be used.	without the tra	ncnaront
	a Diack is printed solely, this material combi			without the tra	nsparent
laminate	ORALITE <sup>©</sup> 5019-070 UV Digital Printing	NR1	-	pass	pass
<u>laminate</u> Black					

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<u> </u>	5061-000 Transparent Film	[			
On white	ORALITE <sup>©</sup> 5810-010 High Intensity Grade				
sheeting	and	<u></u>	D42		1
Nhite	ORALITE <sup>©</sup> 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 Film	CR2	RA2	pass	pass
Red	ORALITE <sup>©</sup> 5019i-030 UV Digital Printing Ink and ORALITE <sup>©</sup> 5061-000 Transparent Film	CR2	RA2	pass	pass
Blue	ORALITE <sup>©</sup> 5019i-050 UV Digital Printing Ink and ORALITE <sup>©</sup> 5061-000 Transparent Film	CR2	RA2	pass	pass
Green	ORALITE <sup>©</sup> 5019i-060 UV Digital Printing Ink and ORALITE <sup>©</sup> 5061-000 Transparent Film	CR2	RA2	pass	pass
Brown	ORALITE <sup>©</sup> 5019i-080 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE <sup>©</sup> 5061-000 Transparent Film				P
Dark	ORALITE <sup>©</sup> 5019i-625 UV Digital Printing	CR2	RA2	pass	pass
Green	Ink and ORALITE <sup>©</sup> 5061-000 Transparent Film				
Grey	ORALITE <sup>©</sup> 5019i-073 UV Digital Printing Ink and ORALITE <sup>©</sup> 5061-000 Transparent Film	CR2	RA2	pass	pass
Black	ORALITE <sup>©</sup> 5019i-070 UV Digital Printing Ink and ORALITE <sup>©</sup> 5061-000 Transparent Film	NR1	-	pass	pass
	erlay film with special function:	anti-graffiti) ar	e always admitte	d in combined	tion with a
Clear over dyed shee Anti Dew The dyed overlay fill	lay films with special function (anti-dew and sting and a colouring process. sheeting and the combination with coloured I m anti-dew function ORALITE <sup>©</sup> 5090 Andi-De troreflective Sheeting:	aminates is acc	cepted to be proc	essed with th	ne clear
Clear over dyed shee Anti Dew The dyed overlay fill Dyed Ret	lay films with special function (anti-dew and sting and a colouring process. sheeting and the combination with coloured I m anti-dew function ORALITE <sup>©</sup> 5090 Andi-De troreflective Sheeting: ORALITE <sup>©</sup> 5810-010 High Intensity Grade and ORALITE <sup>©</sup> 5090 Anti-Dew film ORALITE <sup>©</sup> 5810-020 High Intensity Grade	aminates is acc w film for the f	cepted to be proc following colours:	essed with th	
Clear over dyed shee Anti Dew The dyed overlay fill Dyed Ret White	lay films with special function (anti-dew and eting and a colouring process. sheeting and the combination with coloured I m anti-dew function ORALITE <sup>©</sup> 5090 Andi-De troreflective Sheeting: ORALITE <sup>©</sup> 5810-010 High Intensity Grade and ORALITE <sup>©</sup> 5090 Anti-Dew film ORALITE <sup>©</sup> 5810-020 High Intensity Grade and ORALITE <sup>©</sup> 5090 Anti-Dew film ORALITE <sup>©</sup> 5810-030 High Intensity Grade	aminates is acc w film for the f	cepted to be proc following colours: RA2	pass	pass
Clear over dyed shee Anti Dew The dyed overlay fili Dyed Ret White Yellow	lay films with special function (anti-dew and eting and a colouring process. sheeting and the combination with coloured I m anti-dew function ORALITE <sup>©</sup> 5090 Andi-De troreflective Sheeting: ORALITE <sup>©</sup> 5810-010 High Intensity Grade and ORALITE <sup>©</sup> 5090 Anti-Dew film ORALITE <sup>©</sup> 5810-020 High Intensity Grade and ORALITE <sup>©</sup> 5090 Anti-Dew film	aminates is acc w film for the f CR2 CR2	cepted to be proc following colours: RA2 RA2	pass pass	pass pass
Clear over dyed shee Anti Dew The dyed overlay fill Dyed Ret White Yellow Red Blue	lay films with special function (anti-dew and eting and a colouring process. sheeting and the combination with coloured I m anti-dew function ORALITE <sup>©</sup> 5090 Andi-De troreflective Sheeting: ORALITE <sup>©</sup> 5810-010 High Intensity Grade and ORALITE <sup>©</sup> 5090 Anti-Dew film ORALITE <sup>©</sup> 5810-020 High Intensity Grade and ORALITE <sup>©</sup> 5090 Anti-Dew film ORALITE <sup>©</sup> 5810-030 High Intensity Grade and ORALITE <sup>©</sup> 5090 Anti-Dew film ORALITE <sup>©</sup> 5810-050 High Intensity Grade and ORALITE <sup>©</sup> 5090 Anti-Dew film	aminates is acc w film for the f CR2 CR2 CR2 CR2 CR2 CR2	RA2 RA2 RA2 RA2 RA2 RA2 RA2 RA2	pass pass pass pass pass	pass pass pass pass pass
Clear over dyed shee Anti Dew The dyed overlay fill Dyed Ret White Yellow Red Blue	lay films with special function (anti-dew and eting and a colouring process. sheeting and the combination with coloured I m anti-dew function ORALITE <sup>©</sup> 5090 Andi-De troreflective Sheeting: ORALITE <sup>©</sup> 5810-010 High Intensity Grade and ORALITE <sup>©</sup> 5090 Anti-Dew film ORALITE <sup>©</sup> 5810-020 High Intensity Grade and ORALITE <sup>©</sup> 5090 Anti-Dew film ORALITE <sup>©</sup> 5810-030 High Intensity Grade and ORALITE <sup>©</sup> 5090 Anti-Dew film ORALITE <sup>©</sup> 5810-050 High Intensity Grade and ORALITE <sup>©</sup> 5090 Anti-Dew film ORALITE <sup>©</sup> 5810-050 High Intensity Grade and ORALITE <sup>©</sup> 5090 Anti-Dew film ORALITE <sup>©</sup> 5090 Anti-Dew film CORALITE <sup>©</sup> 5090 Anti-Dew film	aminates is acc w film for the f CR2 CR2 CR2 CR2 CR2 CR2	RA2 RA2 RA2 RA2 RA2 RA2 RA2 RA2	pass pass pass pass pass	pass pass pass pass pass
Clear over dyed shee Anti Dew The dyed overlay fill Dyed Ref White Yellow Red Blue	<ul> <li>Iay films with special function (anti-dew and sting and a colouring process.</li> <li><i>i</i>:</li> <li>sheeting and the combination with coloured I m anti-dew function ORALITE<sup>©</sup> 5090 Andi-Detroreflective Sheeting:</li> <li>ORALITE<sup>©</sup> 5810-010 High Intensity Grade and ORALITE<sup>©</sup> 5090 Anti-Dew film</li> <li>ORALITE<sup>©</sup> 5810-020 High Intensity Grade and ORALITE<sup>©</sup> 5090 Anti-Dew film</li> <li>ORALITE<sup>©</sup> 5810-030 High Intensity Grade and ORALITE<sup>©</sup> 5090 Anti-Dew film</li> <li>ORALITE<sup>©</sup> 5810-030 High Intensity Grade and ORALITE<sup>©</sup> 5090 Anti-Dew film</li> <li>ORALITE<sup>©</sup> 5810-050 High Intensity Grade and ORALITE<sup>©</sup> 5090 Anti-Dew film</li> <li>ORALITE<sup>©</sup> 5810-050 High Intensity Grade and ORALITE<sup>©</sup> 5810-050 High Intensity Grade</li> <li>And ORALITE<sup>©</sup> 5090 Anti-Dew film</li> </ul>	aminates is acc w film for the f CR2 CR2 CR2 CR2 CR2 CR2 igh Intensity	Cepted to be proc following colours: RA2 RA2 RA2 RA2 RA2 RA2 RA2	pass pass pass pass pass	pass pass pass pass pass

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Black	ORALITE <sup>©</sup> 5081-070 Lett and ORALITE <sup>©</sup> 5090 Anti	ering Film -Dew film	NR1		-	pass	pass
Anti-Gra							
The dyed	sheeting and the combinati	ion with coloured !	aminates is	accepte	d to be proc	essed with	the clear
	Im with anti-graffiti function	I ORALITE® 5095 /	Anti Graffiti	Film for	the following	J colours.	
	troreflective Sheeting:			r			<u> </u>
White	ORALITE <sup>©</sup> 5810-010 High		CR2		RA2	pass	pass
	and ORALITE <sup>©</sup> 5095 Anti-						
Yellow	ORALITE <sup>©</sup> 5810-020 High	n Intensity Grade	CR2		RA2	pass	pass
	and ORALITE <sup>©</sup> 5095 Anti-	-Graffiti Film					
Red	ORALITE <sup>©</sup> 5810-030 High	h Intensity Grade	CR2		RA2	pass	pass
	and ORALITE <sup>©</sup> 5095 Anti-						
Blue	ORALITE <sup>©</sup> 5810-050 High		CR2		RA2	pass	pass
	and ORALITE <sup>©</sup> 5095 Anti						
	troreflective Sheeting O	RALITE <sup>©</sup> 5810 H		sity Gra		oured Lar	ninate:
Yellow	ORALITE <sup>©</sup> 5061-020 Trar	nsparent Film	CR2		RA2	pass	pass
	and ORALITE <sup>©</sup> 5095 Anti						
Red	ORALITE <sup>©</sup> 5061-030 Trar		CR2	1	RA2	pass	pass
	and ORALITE <sup>©</sup> 5095 Anti						
Blue	ORALITE <sup>©</sup> 5061-050 Trar		CR2		RA2	pass	pass
	and ORALITE <sup>©</sup> 5095 Anti	-Graffiti Film					
	troreflective Sheeting O			sity Gra	de with Let	tering Fil	m:
Black	ORALITE <sup>©</sup> 5081-070 Lett	ering Film	NR1		-	pass	pass
	and ORALITE <sup>©</sup> 5095 Anti-	-Graffiti Film					
xternal il	llumination:						
aaan illur	minanca	Г			NPD		
nean illun	ninance,	1			NPD		
niformity	of illuminance	i			NPD		
Thronney		1					
orrosion	resistence						
Steel pipes		[			SP1		
teer pipes	and mis	l				and fins are	e after
		1					lip galvanized t
						m of 60µm	
					u minna.	n or copin	
crews, nu	its and washers				SP2		
0.010,					-	A2, Class 7	70
						/ L_ / U.U.U	°
Aluminium	plate				SP1		
	p.a.c	l				Al-plate or	n exposed side
		1			any	· · · · · · ·	• • · · · · · · · ·
		1			- /		
) a cista na	e to penetration of dust				The produ	uct can not	be provided
resisience		1					for electrical
	-						
and water	r				equipmen		

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Annex 2

### **TECHNICAL BASIS**

	Date
Title	
Infra Goup Danmark ApS Calculation of minor traffic signs (ITC) Type BS, upper part Ø48,3 x 2,9, Ø48,3 x 3,0, and Ø48,3 x 3.2 mm steel pipes.	September 2016
Orafol Retroreflective Sheeting Oralite <sup>©</sup> 5710 Engineering grade: 0913-CPD-2009/001 Annex	2009-03-17 2016-03-31
Orafol Retroreflective Sheeting Oralite <sup>©</sup> 5810 High Intensity grade: 0913-CPD-2009/035 Annex	2012-06-27 2016-03-31

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