Issue date: 2018-02-21



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

Signboards

Scope: Sign plates with sign face materials applied for fixed vertical

road traffic signs (ZA5)

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 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: 2018-02-21.

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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.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 2018-02-21.

Per Lyster Responsible for evaluation Allan Laursen
Responsible for certification decision

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Annex 1 **EXTENT**

Resistar	nce to horizontal				Value/	description	on/
loads					-	eference	•
Fixings					NPD		
Wind action	ons				NPD		
Temporar	y deflection-bending				NPD		
	oad from snow				NPD		
clearance							
Point load	S				NPD		
Permanen	t deflection				NPD		
Partial saf	ety factor				NPD		
					1		
ORALITE	[©] 5710 Engineering Grade lective sheeting ORALITE [©]	e:		4			
colours:				40			
	Name of musticet		Vicibility ob	, vacto	vieties	Durahilita	,
Colour	Name of product		Visibility cha			Durability Impact	
	Name of product		Daylight	Coef	eristics ficient of	Durability Impact resistance	
	Name of product			Coef	ficient of reflection	Impact	Resistance to
	Name of product		Daylight Chromaticity & luminance factor	Coef retro	ficient of reflection	Impact resistance	Resistance to weathering 4.1.1.5.
	Name of product		Daylight Chromaticity & luminance factor 4.1.1.3.	Coef retro	ficient of reflection	Impact resistance	Resistance to weathering 4.1.1.5. For black
	Name of product		Daylight Chromaticity & luminance factor 4.1.1.3. For black	Coef retro	ficient of reflection	Impact resistance	Resistance to weathering 4.1.1.5. For black colours:
	Name of product		Daylight Chromaticity & luminance factor 4.1.1.3. For black colours:	Coef retro	ficient of reflection	Impact resistance	Resistance to weathering 4.1.1.5. For black
Colour		eering Grade	Daylight Chromaticity & luminance factor 4.1.1.3. For black colours: 7.2.2.1.3	Coef retro 4.1.1	ficient of reflection	Impact resistance 4.1.2.	Resistance to weathering 4.1.1.5. For black colours: 7.2.2.1.4
	ORALITE [©] 5710-010 Engine		Daylight Chromaticity & luminance factor 4.1.1.3. For black colours: 7.2.2.1.3 CR2	Coef retro	ficient of reflection	Impact resistance 4.1.2.	Resistance to weathering 4.1.1.5. For black colours: 7.2.2.1.4
Colour	ORALITE [©] 5710-010 Engine ORALITE [©] 5710-020 Engine	eering Grade	Daylight Chromaticity & luminance factor 4.1.1.3. For black colours: 7.2.2.1.3	Coeff retro 4.1.1	ficient of reflection	Impact resistance 4.1.2.	Resistance to weathering 4.1.1.5. For black colours: 7.2.2.1.4
Colour White Yellow	ORALITE [©] 5710-010 Engine	eering Grade eering Grade	Daylight Chromaticity & luminance factor 4.1.1.3. For black colours: 7.2.2.1.3 CR2 CR2	Coef retro 4.1.1	ficient of reflection	Impact resistance 4.1.2.	Resistance to weathering 4.1.1.5. For black colours: 7.2.2.1.4 pass pass
White Yellow Red Blue Green	ORALITE© 5710-010 Engine ORALITE© 5710-020 Engine ORALITE© 5710-030 Engine ORALITE© 5710-050 Engine ORALITE© 5710-060 Engine	eering Grade eering Grade eering Grade eering Grade	Daylight Chromaticity & luminance factor 4.1.1.3. For black colours: 7.2.2.1.3 CR2 CR2 CR2 CR2 CR2 CR2	RA1 RA1 RA1 RA1 RA1	ficient of reflection	Impact resistance 4.1.2. pass pass pass	Resistance to weathering 4.1.1.5. For black colours: 7.2.2.1.4 pass pass pass
White Yellow Red Blue Green Orange	ORALITE© 5710-010 Engine ORALITE© 5710-020 Engine ORALITE© 5710-030 Engine ORALITE© 5710-050 Engine ORALITE© 5710-060 Engine ORALITE© 5710-035 Engine	eering Grade eering Grade eering Grade eering Grade eering Grade	Daylight Chromaticity & luminance factor 4.1.1.3. For black colours: 7.2.2.1.3 CR2 CR2 CR2 CR2 CR2 CR2 CR2 CR2 CR2	RA1 RA1 RA1 RA1 RA1 RA1	ficient of reflection	Impact resistance 4.1.2.	Resistance to weathering 4.1.1.5. For black colours: 7.2.2.1.4 pass pass pass pass
White Yellow Red Blue Green	ORALITE© 5710-010 Engine ORALITE© 5710-020 Engine ORALITE© 5710-030 Engine ORALITE© 5710-050 Engine ORALITE© 5710-060 Engine	eering Grade eering Grade eering Grade eering Grade eering Grade	Daylight Chromaticity & luminance factor 4.1.1.3. For black colours: 7.2.2.1.3 CR2 CR2 CR2 CR2 CR2 CR2	RA1 RA1 RA1 RA1 RA1	ficient of reflection	pass pass pass pass pass pass	Resistance to weathering 4.1.1.5. For black colours: 7.2.2.1.4 pass pass pass pass pass
White Yellow Red Blue Green Orange Brown	ORALITE® 5710-010 Engine ORALITE® 5710-020 Engine ORALITE® 5710-030 Engine ORALITE® 5710-050 Engine ORALITE® 5710-060 Engine ORALITE® 5710-035 Engine ORALITE® 5710-080 Engine	eering Grade eering Grade eering Grade eering Grade eering Grade eering Grade	Daylight Chromaticity & luminance factor 4.1.1.3. For black colours: 7.2.2.1.3 CR2	RA1 RA1 RA1 RA1 RA1 RA1 RA1	ficient of preflection 1.4	pass pass pass pass pass pass pass pass	Resistance to weathering 4.1.1.5. For black colours: 7.2.2.1.4 pass pass pass pass pass pass pass pas
White Yellow Red Blue Green Orange Brown	ORALITE© 5710-010 Engine ORALITE© 5710-020 Engine ORALITE© 5710-030 Engine ORALITE© 5710-050 Engine ORALITE© 5710-060 Engine ORALITE© 5710-035 Engine	eering Grade eering Grade eering Grade eering Grade eering Grade eering Grade	Daylight Chromaticity & luminance factor 4.1.1.3. For black colours: 7.2.2.1.3 CR2	RA1 RA1 RA1 RA1 RA1 RA1 RA1	ficient of preflection 1.4	pass pass pass pass pass pass pass pass	Resistance to weathering 4.1.1.5. For black colours: 7.2.2.1.4 pass pass pass pass pass pass pass pas

RA1

RA1

RA1

RA1

CR2

CR2

CR2

CR2

NR1

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ORALITE[©] 5018-020 Screen Printing ink ORALITE[©] 5018-030 Screen Printing ink ORALITE[©] 5018-050 Screen Printing ink ORALITE[©] 5018-060 Screen Printing ink ORALITE[©] 5018-070 Screen Printing ink



pass

colours:

Yellow

red

blue

Green

black

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Digital pr	inting colours:				
The digital	printing is processed on white retroreflectiv A M2050 High-Speed-UV-Inkjet-System and				
	5062-000 Transparent Film.	is to be idilli	mateu with the train	ispai ciit iaiiiii	iate
Digital Pr	inting Colour ORALITE [©] 5019 UV Digit	al Printing	Ink		
On white	ORALITE© 5710-010 Engineering Grade				
sheeting	and				
White	ORALITE [©] 5062-000 Transparent Film	CR2	RA1	pass	pass
Yellow	ORALITE [©] 5019-020 UV Digital Printing	CR2	RA1	pass	pass
	Ink and				
	ORALITE [©] 5062-000 Transparent Film				
Red	ORALITE [©] 5019-030 UV Digital Printing	CR2	RA1	pass	pass
	Ink and				
DI	ORALITE® 5062-000 Transparent Film	CDO	201		
Blue	ORALITE [©] 5019-050 UV Digital Printing	CR2	RA1	pass	pass
	Ink and				
Cusan	ORALITE [©] 5062-000 Transparent Film ORALITE [©] 5019-060 UV Digital Printing	CDO	DA1		
Green	Ink and	CR2	RA1	pass	pass
	ORALITE [©] 5062-000 Transparent Film				
Grey	ORALITE 5002-000 Transparent Film	CR2	RA1	nacc	pass
Gley	Ink and	CKZ	INAI	pass	pass
	ORALITE [©] 5062-000 Transparent Film			1	
Black	ORALITE® 5019-070 UV Digital Printing	NR1	-	pass	pass
Diack	Ink and	IVIX		puss	pass
	ORALITE© 5062-000 Transparent Film				
If the colo	ur black is printed solely, this material comb	pination is ad	mitted to be used v	vithout the tra	ansparent
laminate.	ar shade to prince solery, and material comm				
Black	ORALITE [©] 5019-070 UV Digital Printing	NR1	-	pass	pass
	Ink			'	1
	inting colour ORALITE [©] 5019i UV Digit	tal Printing	Ink		
On white	ORALITE [©] 5710-010 Engineering Grade				
sheeting	and				
White	ORALITE [©] 5062-000 Transparent Film	CR2	RA1	pass	pass
Yellow	ORALITE [©] 5019i-020 UV Digital Printing	CR2	RA1	pass	pass
1	Ink and		1		
	ORALITE [©] 5062-000 Transparent Film		1		
Red	ORALITE [©] 5019i-030 UV Digital Printing	CR2	RA1	pass	pass
7	Ink and		1		
	ORALITE [©] 5062-000 Transparent Film			4	
Blue	ORALITE [©] 5019i-050 UV Digital Printing	CR2	RA1	pass	pass
	Ink and				
Cusan	ORALITE® 5062-000 Transparent Film	CDO	DA1		
Green	ORALITE [©] 5019i-060 UV Digital Printing	CR2	RA1	pass	pass
	Ink and				
Orango	ORALITE [©] 5062-000 Transparent Film ORALITE [©] 5019i-035 UV Digital Printing	CR1	DA1	nacc	nace
Orange	Ink and	CKI	RA1	pass	pass
	ORALITE [©] 5062-000 Transparent Film				
Brown	ORALITE 5002-000 Transparent Film	CR2	RA1	pass	pass
וואסום	Ink and	CINZ	IVAT	puss	puss
	ORALITE [©] 5062-000 Transparent Film				
Black	ORALITE 5002-000 Transparent Film	NR1	_	pass	pass
Diacit	Ink and	111/1		Pass	P033
	ORALITE© 5062-000 Transparent Film				

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Prod. Reg. Nr. 7023

i DANAK

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Cloar	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[©] 5018 is accepted to be laminated with the clear protective overlay film ORALITE[©] 5095 Anti-Graffitti Film for the following colours:

with the ci	ear protective overlay film ORALLIE 5095 F	inu-Grainiui Fiin	i for the following	g colours:	
Original dy	red retroreflective sheeting ORALITE $^{ ext{@}}$ 5710 I	Engineering Gra	de with screen-p	rinting ORAL	ITE [©] 5018
Red	ORALITE [©] 5018-030 Screen Printing Ink	CR2	RA1	pass	pass
	and				
	ORALITE [©] 5095 Anti-Graffiti Film				
Blue	ORALITE [©] 5018-050 Screen Printing Ink	CR2	RA1	pass	pass
	and				
	ORALITE [©] 5095 Anti-Graffiti Film				
Black	ORALITE© 5018-070 Screen Printing Ink	NR1	-	pass	pass
	and			-	
	ORALITE© 5095 Anti-Graffiti Film				

ORALITE[©] 5810 High Intensity Grade:

Retroreflective sheeting ORALITE[©] 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 [©] 5810-010 High Intensity Grade	CR2	RA2	pass	pass
Yellow	ORALITE [©] 5810-020 High Intensity Grade	CR2	RA2	pass	pass
Red	ORALITE [©] 5810-030 High Intensity Grade	CR2	RA2	pass	pass
Blue	ORALITE [©] 5810-050 High Intensity Grade	CR2	RA2	pass	pass
Green	ORALITE [©] 5810-060 High Intensity Grade	CR2	RA2	pass	pass
Brown	ORALITE [©] 5810-080 High Intensity Grade	CR2	RA2	pass	pass

Retrorefl	ective sheeting ORALITE® 5810 Hig	h Intensity Grad	e with the fo	llowing Letter	ing Film:
Black	ORALITE© 5081-070 Lettering Film	NR1	-	pass	pass

Retroreflective sheeting ORALITE[©] 5810 High Intensity Grade with the following Coloured Laminates:

Laiiiiia	C3.					
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	ORALITE [©] 5061-625 Transparent Film	CR1	RA2	pass	pass	
Green						

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Red Blue Green Black Digital Prii Digital Prii The digital I	ORALITE® 5018-020 Screen Printing Ink 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 Inting Colours: Inting Colour ORALITE® 5019 UV Digita	CR2 CR2 CR2 CR2 NR1	RA2 RA2 RA2 RA2	pass pass pass pass pass pass	pass pass pass pass pass pass
Green Black Digital Print Digital Print The digital panalone	ORALITE [©] 5018-060 Screen Printing Ink ORALITE [©] 5018-070 Screen Printing Ink nting Colours: nting Colour ORALITE [©] 5019 UV Digita	CR2 NR1		pass	pass
Green Black Digital Printing	ORALITE [©] 5018-060 Screen Printing Ink ORALITE [©] 5018-070 Screen Printing Ink nting Colours: nting Colour ORALITE [©] 5019 UV Digita	CR2 NR1	RA2 -		
Black Digital Prior Digital Prior The digital panapurna	ORALITE [©] 5018-070 Screen Printing Ink nting Colours: nting Colour ORALITE [©] 5019 UV Digita	•	-	pass	pass
Digital Pri i The digital p ANAPURNA	nting Colour ORALITE [©] 5019 UV Digita				
Digital Pri	orinting is processed on white retroreflective M2050 High-Speed-UV-Inkjet-System and i nting with protective laminate ORALIT	e sheeting v s to be lam	with the digital pr inated with a trar	nsparent lamin	
	ORALITE©5810-010 High Intensity Grade		occ mansparen		
	and				
	ORALITE© 5061-000 Transparent Film	CR2	RA2	pass	pass
ellow	ORALITE [©] 5019-020 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE [©] 5061-000 Transparent				
	Film				
	ORALITE [©] 5019-030 UV Digital Printing Ink and ORALITE [©] 5061-000 Transparent	CR2	RA2	pass	pass
	Film				
Blue	ORALITE [©] 5019-050 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE [©] 5061-000 Transparent			7	'
	Film				
Green	ORALITE [©] 5019-060 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE [©] 5061-000 Transparent				
	Film	CDO	DAG		
	ORALITE [©] 5019-080 UV Digital Printing Ink and ORALITE [©] 5061-000 Transparent	CR2	RA2	pass	pass
	Film				
	ORALITE [©] 5019-625 UV Digital Printing	CR2	RA2	pass	pass
Green	Ink and ORALITE® 5061-000 Transparent	O. L.	10.2	Pass	Pass
	Film			l. I	
	ORALITE [©] 5019-073 UV Digital Printing	CR2	RA2*	pass	pass
	Ink and ORALITE [©] 5061-000 Transparent		1		'
	Film		1		
Coefficient	of retroreflection: Value for printed colours	70% of R/	A2		
	ORALITE® 5019-070 UV Digital Printing	NR1	- 1	pass	pass
	Ink and ORALITE [©] 5061-000 Transparent		7	1. Contract of the Contract of	
	Film				

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heeting	ORALITE [©] 5810-010 High Intensity Grade and				
White	ORALITE© 5090 Anti-Dew Film	CR2	RA2	pass	pass
Yellow	ORALITE® 5019-020 UV Digital Printing	CR2	RA2	pass	pass
CHOV	Ink and ORALITE® 5090 Anti-Dew Film	CINZ	IVAZ	pass	pass
Red	ORALITE© 5019-030 UV Digital Printing	CR2	RA2	pass	pass
ricu	Ink and ORALITE [©] 5090 Anti-Dew Film	CINZ	IVAZ	pass	pass
Blue	ORALITE® 5019-050 UV Digital Printing	CR2	RA2*	pass	pass
Diuc	Ink and ORALITE [©] 5090 Anti-Dew Film	CINE	1012	puss	pass
Green	ORALITE© 5019-060 UV Digital Printing	CR2	RA2*	pass	pass
Green	Ink and ORALITE® 5090 Anti-Dew Film	CITE	1012	pass	pass
Brown	ORALITE© 5019-080 UV Digital Printing	CR2	RA2	pass	pass
Di O TITI	Ink and ORALITE [©] 5090 Anti-Dew Film	O. C.	1012	pass	pass
Dark	ORALITE [©] 5019-625 UV Digital Printing	CR2	RA2	pass	pass
Green	Ink and ORALITE [©] 5090 Anti-Dew Film	0.12		P	Puss
Grey	ORALITE© 5019-073 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE© 5090 Anti-Dew Film			1.000	
*Coefficie	nt of retroreflection: Value for printed colours	70% of R/	12		
Black	ORALITE [©] 5019-070 UV Digital Printing	NR1		pass	pass
	Ink and ORALITE© 5090 Anti-Dew Film				
Digital P	rinting with protective laminate ORALIT	TE [©] 5095 A	Anti-Graffiti Fili	m:	
On white	ORALITE©5810-010 High Intensity Grade			T	
sheeting	and				
White	ORALITE© 5095 Anti-Graffitti Film	CR2	RA2	pass	pass
Yellow	ORALITE [©] 5019-020 UV Digital Printing	CR2	RA2	pass	pass
I CIIOW				P 3.55	P 0.00
Tellow	Ink and ORALITE [©] 5095 Anti-Graffiti Film				
	Ink and ORALITE [©] 5095 Anti-Graffiti Film ORALITE [©] 5019-030 UV Digital Printing	CR2	RA2	pass	pass
Red	ORALITE [©] 5019-030 UV Digital Printing	CR2	RA2	pass	pass
Red	ORALITE [©] 5019-030 UV Digital Printing 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	CR2	RA2	pass	pass
Red	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*	pass	pass
Red	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				·
Red Blue Green	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*	pass	pass
Red	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*	pass	pass
Red Blue Green Braun	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
Red Blue Green	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 ORALITE® 5019-073 UV Digital Printing	CR2	RA2*	pass	pass
Red Blue Green Braun Grey	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	pass pass pass	pass pass
Red Blue Green Braun Grey *Coefficie	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 or of retroreflection: Value for printed colours	CR2 CR2 CR2 CR2 CR2 CR2 CR2	RA2* RA2* RA2 RA2	pass pass pass pass	pass pass pass pass
Red Blue Green Braun Grey	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 retroreflection: Value for printed colours ORALITE® 5019-070 UV Digital Printing	CR2 CR2 CR2 CR2	RA2* RA2* RA2 RA2	pass pass pass	pass pass
Red Blue Green Braun Grey *Coefficie Black	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 retroreflection: Value for printed colours 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 NR1	RA2* RA2* RA2 RA2 -	pass pass pass pass pass	pass pass pass pass pass
Red Blue Green Braun Grey *Coefficie Black If the colo	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 retroreflection: Value for printed colours ORALITE® 5019-070 UV Digital Printing	CR2 CR2 CR2 CR2 CR2 NR1	RA2* RA2* RA2 RA2 -	pass pass pass pass pass	pass pass pass pass pass
Red Blue Green Braun Grey *Coefficie Black	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 retroreflection: Value for printed colours 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 NR1	RA2* RA2* RA2 RA2 -	pass pass pass pass pass	pass pass pass pass pass

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Issue date: 2018-02-21



	A M2050 High-Speed-UV-Inkjet-System and i	s to be latti	nateu with the tr	ansparent iam	шасе
	5061-000 Transparent Film	I			
On white	ORALITE [©] 5810-010 High Intensity Grade				
sheeting White	OPALITE® 5061,000 Transparent Film	CR2	ראם	2000	2226
Yellow	ORALITE [©] 5061-000 Transparent Film ORALITE [©] 5019i-020 UV Digital Printing	CR2	RA2	pass	pass
Yellow	Ink and ORALITE® 5061-000 Transparent Film	CRZ	KAZ	pass	pass
Red	ORALITE [©] 5019i-030 UV Digital Printing Ink and ORALITE [©] 5061-000 Transparent Film	CR2	RA2	pass	pass
Blue	ORALITE [©] 5019i-050 UV Digital Printing Ink and ORALITE [©] 5061-000 Transparent Film	CR2	RA2	pass	pass
Green	ORALITE [©] 5019i-060 UV Digital Printing Ink and ORALITE [©] 5061-000 Transparent Film	CR2	RA2	pass	pass
Brown	ORALITE [©] 5019i-080 UV Digital Printing Ink and ORALITE [©] 5061-000 Transparent Film	CR2	RA2	pass	pass
Dark Green	ORALITE [©] 5019i-625 UV Digital Printing Ink and ORALITE [©] 5061-000 Transparent Film	CR2	RA2	pass	pass
Grey	ORALITE [©] 5019i-073 UV Digital Printing Ink and ORALITE [©] 5061-000 Transparent Film	CR2	RA2	pass	pass
Black	ORALITE [©] 5019i-070 UV Digital Printing Ink and ORALITE [©] 5061-000 Transparent Film	NR1	-	pass	pass
Clear ove	erlay film with special function:				
	lay films with special function (anti-dew and	anti-graffiti)	are always admi	tted in combin	ation with a
	eting and a colouring process.	,		h.	
Anti Dew	<i>r</i> :				
overlay fili	sheeting and the combination with coloured I m anti-dew function ORALITE [©] 5090 Andi-De				the clear
	troreflective Sheeting:	T			
White	ORALITE [©] 5810-010 High Intensity Grade and ORALITE [©] 5090 Anti-Dew film		RA2	pass	pass
Yellow	ORALITE [©] 5810-020 High Intensity Grade and ORALITE [©] 5090 Anti-Dew film	CR2	RA2	pass	pass
Red	ORALITE [©] 5810-030 High Intensity Grade and ORALITE [©] 5090 Anti-Dew film	CR2	RA2	pass	pass
Blue	ORALITE [©] 5810-050 High Intensity Grade	CR2	RA2	pass	pass

CR2

CR2

CR2

RA2

RA2

RA2

pass

pass

pass

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ORALITE[©] 5061-020 Transparent Film

ORALITE[©] 5061-050 Transparent Film

and ORALITE[©] 5090 Anti-Dew film
ORALITE[©] 5061-030 Transparent Film

and ORALITE[©] 5090 Anti-Dew film

and ORALITE[©] 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

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Dyed Re	troreflective Sheeting OF	RALITE [©] 5810 H	ligh Intensit	y Grad	e with Let	tering filn	1:
Black	ORALITE [©] 5081-070 Lette	ering Film	NR1	-		pass	pass
	and ORALITE [©] 5090 Anti-	Dew film					
Anti-Gra	ffiti:						
	sheeting and the combination						the clear
overlay fil	m with anti-graffiti function	ORALITE [©] 5095	Anti Graffiti Fi	lm for th	he following	colours.	
Dyed Re	troreflective Sheeting:						
White	ORALITE [©] 5810-010 High	Intensity Grade	CR2	R	RA2	pass	pass
	and ORALITE® 5095 Anti-					'	'
Yellow	ORALITE [©] 5810-020 High	Intensity Grade	CR2	R	RA2	pass	pass
	and ORALITE [©] 5095 Anti-						
Red	ORALITE [©] 5810-030 High		CR2	R	RA2	pass	pass
	and ORALITE [©] 5095 Anti-					P	p 3.55
Blue	ORALITE [©] 5810-050 High		CR2	R	RA2	pass	pass
	and ORALITE® 5095 Anti-					-	
			l	ı		_ t	_ t
Dved Re	troreflective Sheeting OF	RALTTE® 5810 H	liah Intensit	v Grad	e with Col	oured Lan	ninate:
Yellow	ORALITE [©] 5061-020 Tran		CR2		RA2	pass	pass
. 5511	and ORALITE® 5095 Anti-		3.12	[]		Pass	Pass
Red	ORALITE® 5061-030 Tran		CR2	R	RA2	pass	pass
	and ORALITE® 5095 Anti-		J. 1.2			Pass	P400
Blue	ORALITE® 5061-050 Tran		CR2	B	RA2	pass	pass
Diac	and ORALITE® 5095 Anti-	Graffiti Film	5112		L	Pass	P033
	Tana Graterie 30337tha	Gramer r iiiri	I			I	I
Dved Re	troreflective Sheeting OF	PALITE® 5810 H	liah Intensit	v Grad	e with Let	terina Filr	n:
Black	ORALITE [©] 5081-070 Lette		NR1	y Grad	C WICH LCC	pass	pass
DIACK	and ORALITE® 5095 Anti-		IVIXI			pass	pass
	and OTALITE 3033 And	Oranici i iiiii	l			_	
••					N-1-1		• • • •
:xterna	l illumination:					descript	
					class/r	eference	9
1ean illun	ninance				NPD		
				4			
Iniformity	of illuminance				NPD	L .	
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`orrocic	n resistance				Value/	descript	ion/
JOHOSIC	on resistance						
					-	eference	
luminum	plate					ıminum pl	
					Minimum	$R_{p0,2} \ge 18$	80 MPa
					SP1		
					Lacquere	d Aluminu	ım plate on
						side if any	•
					CAPOSCU	Side ii dil)	•
ociotano	to population of dust				NDD		
	e to penetration of dust				NPD		
nd water							

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Prod. Reg. Nr. 7023

Issue date: 2018-02-21



Annex 2

TECHNICAL BASIS

Title	Date
Retroreflective Sheetings 5710 Engineering grade: 0913-CPD-2009/001 Annex	2009-03-17 2016-03-31
Retroreflective Sheeting Oralite 5810 High Intensity grade: 0913-CPD-2009/035 Annex	2012-06-27 2016-03-31