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

Gallows with mounted signboards type BS and GS

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: 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.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 2018-02-14)

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

Version 2016-01-07 Page **1** of **17**

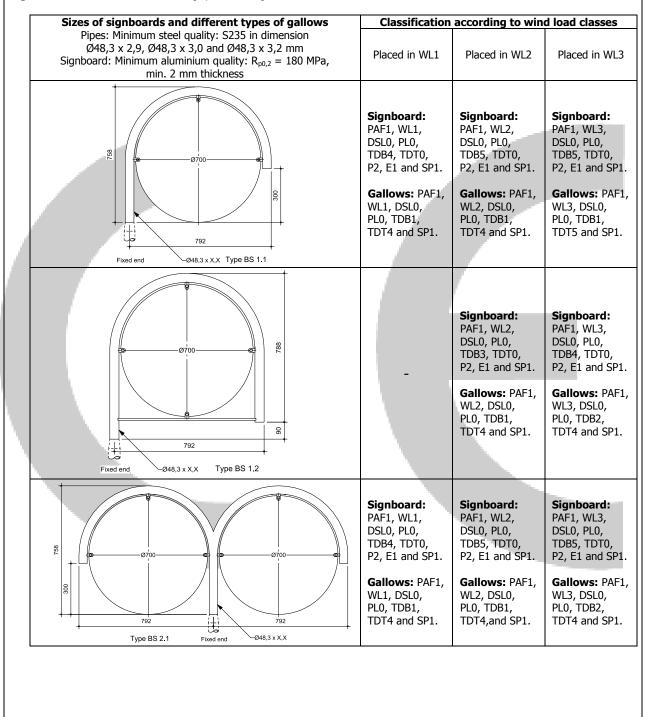
Issue date: 2018-04-18



Annex 1 EXTENT

Description and classification:

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



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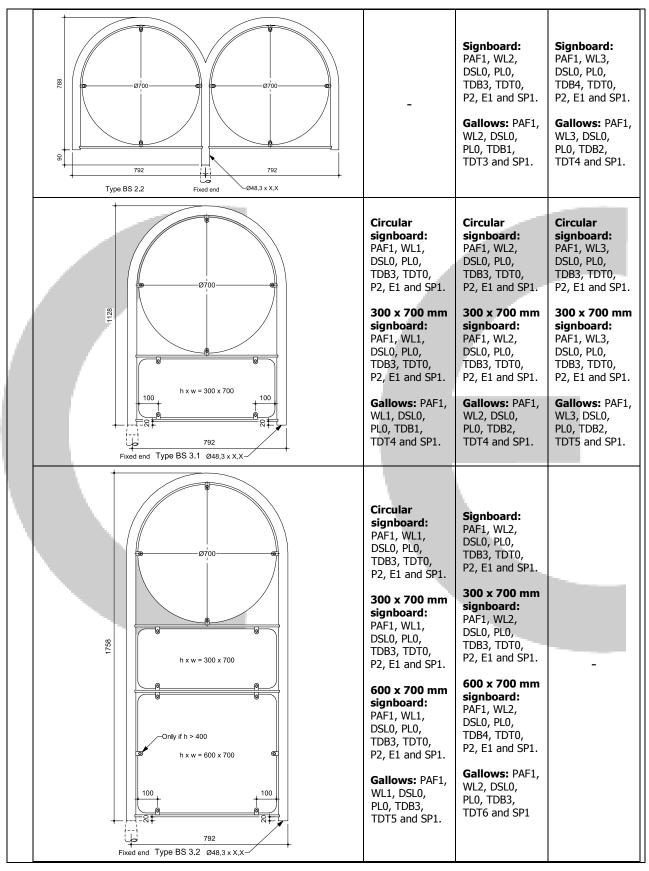
Jernholmen 12, 2650 Hvidovre Tlf.: 36 34 90 90 E-mail: info@dbicertification.dk www.dbicertification.dk



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Sign, sizes and mounting system Pipes: Minimum steel quality: S235 in dimension	Classification according to wind load classes			
Ø48,3 x 2,9, Ø48,3 x 3,0, Ø48,3 x 3,2, Ø60,3 x 3,6 and Ø60,3 x 4,5 mm Signboard: Minimum aluminium quality: R _{p0,2} = 180 MPa, min. 2 mm thickness	Placed in WL1	Placed in WL2	Placed in WL3	
		mm and b \leq L \leq 1200 mm		
$\begin{array}{c} \hline \\ h \times b \\ \hline \\ b/3 \\ \hline \\ c \\ c$	$\begin{array}{l} {\sf PAF1,} \\ {\sf WL1,} \\ {\sf DSL0,} \\ {\sf PL0,} \\ {\sf TDB2,} \\ {\sf TDT4,} \\ {\sf P2, E1} \\ {\sf and SP1.} \\ \\ {\sf h} \leq 235 \\ \end{array} \\ \begin{array}{l} {\sf PAF1,} \\ {\sf WL1,} \\ {\sf DSL0,} \\ {\sf PL0,} \\ {\sf TDB2,} \\ {\sf TDT5,} \\ {\sf P2, E1} \\ {\sf and SP1.} \\ \\ {\sf h} \leq 235 \\ \end{array} \\ \end{array}$	PAF1, PAF1, WL2, DSL0, PL0, TDB3, TDT5, P2, E1 and SP1. mm and b \leq L \leq 1200 mr PAF1, WL2, DSL0, PL0, TDB3, TDT5, P2, E1 and SP1. mm and b \leq L \leq 1200 mr PAF1, WL2, DSL0, PL0, TDB3, TDT5, P2, E1 and SP1. mm and b \leq L \leq 1200 mr PAF1, WL2,	PAF1, WL3, DSL0, PL0, TDB3, TDT5, P2, E1 and SP1. 1750 mm PAF1, WL3, DSL0, PL0, TDB3, TDT5, P2, E1 and SP1. 2000 mm	
	DSL0, PL0, TDB3, TDT6, P2, E1 and SP1.	$\begin{array}{l} \text{DSL0,} \\ \text{PL0,} \\ \text{TDB4,} \\ \text{TDT6,} \\ \text{P2, E1} \\ \text{and SP1.} \\ \\ \text{mm and } \text{b} \leq \end{array}$	DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.	
Brace 30 x 10 mm steel bar	PAF1, WL1, DSL0, PL0, TDB2, P2, E1 and SP1.	$L \le 800 \text{ mm}$ PAF1, WL2, DSL0, PL0, TDB2, P2, E1 and SP1.	PAF1, WL3, DSL0, PL0, TDB3, P2, E1 and SP1	
Ø48,3 x X,X	11 2 235	$L \le 800 \text{ mm}$		
Fixed end Upper part, double sign	PAF1, WL1, DSL0, PL0, TDB2, P2, E1 and SP1.	PAF1, WL2, DSL0, PL0, TDB3, P2, E1 and SP1.	PAF1, WL3, DSL0, PL0, TDB3, P2, E1 and SP1	

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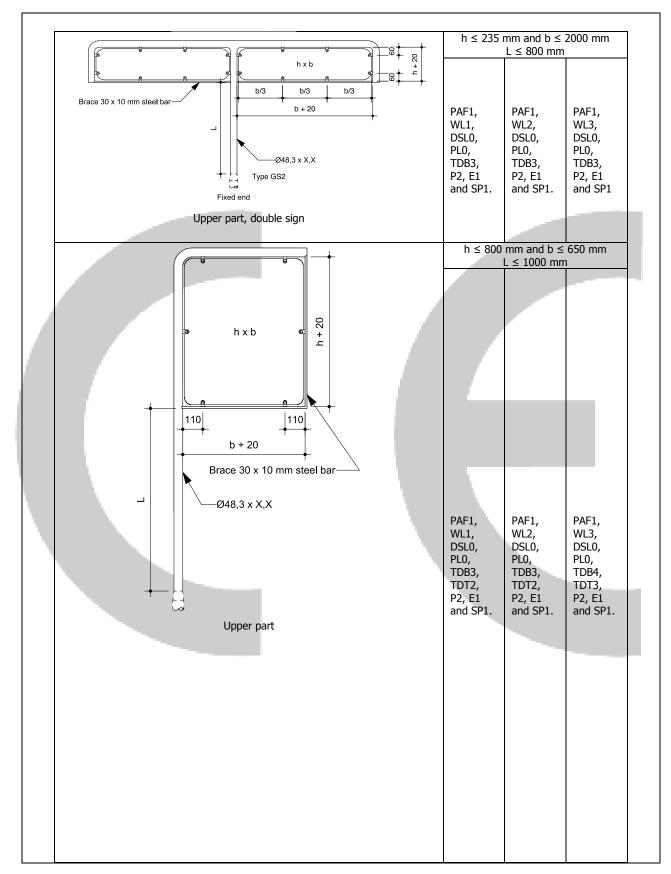
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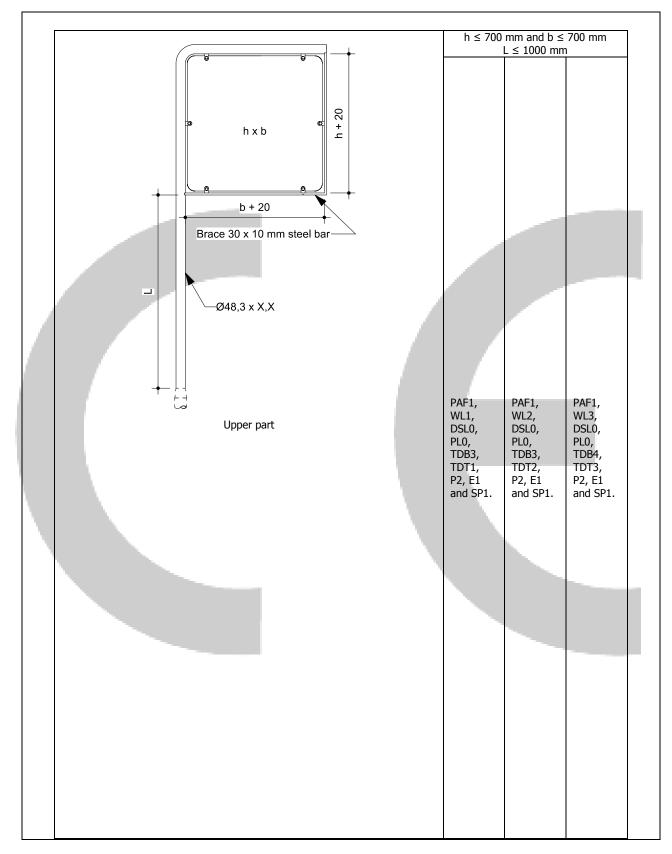


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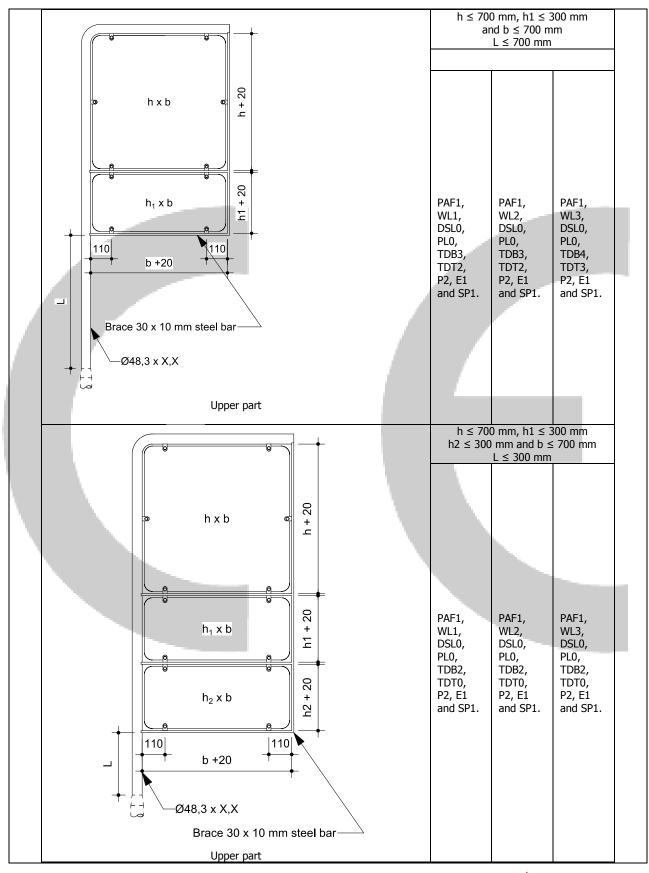
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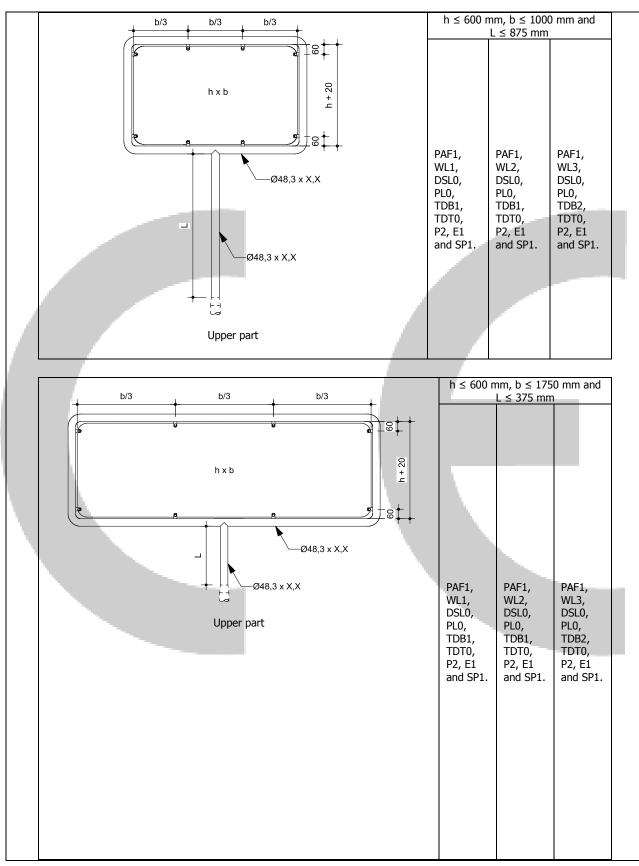
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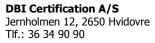
Version 2016-01-07 Page **8** of **17**

Issue date: 2018-04-18



b	+ 20				nm, b ≤ 200	
•	b/3	b/3	+		L ≤ 175 mm	
D/3	0/3	5/d	_ +			
		 d				
		9	g + g + ↓			
				PAF1,	PAF1,	PAF1,
			50	WL1,	WL2,	WL3,
h	хb		+	DSL0,	DSL0,	DSL0,
			ے	PLO,	PLO,	PLO,
				TDB3,	TDB3,	TDB4,
		۹	9 <u>†s</u> †	TDT0,	TDT0,	TDT0,
				P2, E1	P2, E1	P2, E1
48,3 x X,X—	◄ —Ø60),3 x X,X		and SP1.	and SP1.	and SP1.
	Jpper part					
Resistance to horizontal loads				NPD		
				To be decla	red on the	support
Resistance to bending				NPD		
				To be decla	red on the	support
Resistance to torsion				NPD		
				To be decla	red on the	support
Fixings:				Pass.		
				The signs	sizes and	gallows are
						ng at the top
				of another		
				Together t		
				straight st	eel is the :	support for
				the sign.		
				2		
				M6 screws	nute and	washers
						ass 70 (f _{y,b} =
				450 MPa).		
			1			-
				Pressure f	orce for ti	ghtening:
				2 kN.		
Temporary deflection (supports)				NPD	-	
-bending				To be decla	red on the	cupport
-bending -torsion						support
Permanent deflection				NPD		
Performance under vehicle impact				NPD		
				To be decla	irea on the	support
11						

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DaylightCoefficient of retroreflectionImpact resistanceResist to weath 4.1.1.4Aluminance factor 4.1.1.3. For black4.1.2.Weath 4.1.1.4	Colour	Name of product	me of product Visibility characteristics			Durability		
WhiteORALITE® 5710-010 Engineering GradeCR2RA1passpassYellowORALITE® 5710-020 Engineering GradeCR2RA1passpasspassRedORALITE® 5710-030 Engineering GradeCR2RA1passpasspassBlueORALITE® 5710-050 Engineering GradeCR2RA1passpasspassGreenORALITE® 5710-060 Engineering GradeCR2RA1passpasspassOrangeORALITE® 5710-035 Engineering GradeCR1RA1passpasspassBrownORALITE® 5710-080 Engineering GradeCR2RA1passpasspassBrownORALITE® 5710-070 Lettering FilmNR1-passpasspassBlackORALITE® 5018-020 Screen Printing inkCR2RA1passpasspassYellowORALITE® 5018-020 Screen Printing inkCR2RA1passpasspassGreenORALITE® 5018-020 Screen Printing inkCR2RA1passpasspassGreenORALITE® 5018-050 Screen Printing inkCR2RA1passpasspassGreenORALITE® 5018-060 Screen Printing inkCR2RA1passpasspassJuleORALITE® 5018-060 Screen Printing inkCR2RA1passpasspassJuleORALITE® 5018-060 Screen Printing inkCR2RA1passpasspassJuleORALITE® 5018-060 Screen Printing inkCR2RA1pas	colour		Daylight Chromaticity & luminance factor 4.1.1.3. For black colours:	Coefficient of retroreflection	Impact resistance	Resistance		
YellowORALITE® 5710-020 Engineering GradeCR2RA1passpasspassRedORALITE® 5710-030 Engineering GradeCR2RA1passpasspassBlueORALITE® 5710-050 Engineering GradeCR2RA1passpasspassGreenORALITE® 5710-060 Engineering GradeCR2RA1passpasspassOrangeORALITE® 5710-035 Engineering GradeCR1RA1passpasspassBrownORALITE® 5710-080 Engineering GradeCR2RA1passpasspassBrownORALITE® 5710-080 Engineering GradeCR2RA1passpasspassBlackORALITE® 5071-070 Lettering FilmNR1-passpasspassBlackORALITE® 5018-020 Screen Printing inkCR2RA1passpasspassYellowORALITE® 5018-020 Screen Printing inkCR2RA1passpasspassfredORALITE® 5018-030 Screen Printing inkCR2RA1passpasspassfredORALITE® 5018-050 Screen Printing inkCR2RA1passpasspassferenORALITE® 5018-050 Screen Printing inkCR2RA1passpasspassferenORALITE® 5018-050 Screen Printing inkCR2RA1passpasspassferenORALITE® 5018-060 Screen Printing inkCR2RA1passpasspassferenORALITE® 5018-060 Screen Printing inkCR2R	White	ORALITE [©] 5710-010 Engineering Grade		RA1	pass	pass		
RedORALITE® 5710-030 Engineering GradeCR2RA1passpasspassBlueORALITE® 5710-050 Engineering GradeCR2RA1passpasspassGreenORALITE® 5710-060 Engineering GradeCR2RA1passpasspassOrangeORALITE® 5710-035 Engineering GradeCR1RA1passpasspassBrownORALITE® 5710-080 Engineering GradeCR2RA1passpasspassBrownORALITE® 5710-080 Engineering GradeCR2RA1passpasspassBrownORALITE® 5710-080 Engineering GradeCR2RA1passpasspassBrownORALITE® 5710-080 Engineering GradeCR2RA1passpasspassBlackORALITE® 5071-070 Lettering FilmNR1-passpasspassPassPasspasspasspasspasspassPassORALITE® 5018-020 Screen Printing inkCR2RA1passpassYellowORALITE® 5018-020 Screen Printing inkCR2RA1passpassYellowORALITE® 5018-030 Screen Printing inkCR2RA1passpassGreenORALITE® 5018-050 Screen Printing inkCR2RA1passpassGreenORALITE® 5018-060 Screen Printing inkCR2RA1passpassGreenORALITE® 5018-060 Screen Printing inkCR2RA1passpass								
Blue ORALITE® 5710-050 Engineering Grade CR2 RA1 pass pass pass Green ORALITE® 5710-060 Engineering Grade CR2 RA1 pass pass pass Orange ORALITE® 5710-035 Engineering Grade CR1 RA1 pass pass pass Brown ORALITE® 5710-080 Engineering Grade CR2 RA1 pass pass pass Retroreflective sheeting ORALITE® 5710 engineering Grade with the following Lettering Film: Black ORALITE® 5071-070 Lettering Film NR1 - pass pass Black ORALITE® 5018-020 Screen Printing ink CR2 RA1 pass pass pass Yellow ORALITE® 5018-020 Screen Printing ink CR2 RA1 pass pass Yellow ORALITE® 5018-020 Screen Printing ink CR2 RA1 pass pass Image: Provide the provide the print of the provide the print of the pass pass pass pass Start ORALITE® 5018-020 Screen Printing ink CR2 RA1 pass pass Start ORALITE® 5018-030 Screen Printing ink CR2 RA1 pa								
GreenORALITE® 5710-060 Engineering GradeCR2RA1passpassOrangeORALITE® 5710-035 Engineering GradeCR1RA1passpasspassBrownORALITE® 5710-080 Engineering GradeCR2RA1passpasspassRetroreflective sheeting ORALITE® 5710 engineering GradeCR2RA1passpasspassBlackORALITE® 5071-070 Lettering FilmNR1-passpasspassRetroreflective sheeting ORALITE® 5710 engineering Gradewith the following screen printingBlackORALITE® 5071-070 Lettering FilmNR1-passpassPellowORALITE® 5018-020 Screen Printing inkCR2RA1passpassYellowORALITE® 5018-020 Screen Printing inkCR2RA1passpassblueORALITE® 5018-030 Screen Printing inkCR2RA1passpassGreenORALITE® 5018-060 Screen Printing inkCR2RA1passpassJuleORALITE® 5018-060 Screen Printing inkCR2RA1passpass						•		
OrangeORALITE® 5710-035 Engineering GradeCR1RA1passpassBrownORALITE® 5710-080 Engineering GradeCR2RA1passpassRetroreflective sheeting ORALITE® 5710 engineering Grade with the following Lettering Film:BlackORALITE® 5071-070 Lettering FilmNR1-passpassRetroreflective sheeting ORALITE® 5710 engineering Grade with the following screen printing colours:YellowORALITE® 5018-020 Screen Printing inkCR2RA1passpassYellowORALITE® 5018-020 Screen Printing inkCR2RA1passpassblueORALITE® 5018-030 Screen Printing inkCR2RA1passpassGreenORALITE® 5018-060 Screen Printing inkCR2RA1passpassgradeORALITE® 5018-060 Screen Printing inkCR2RA1passpassgradeORALITE® 5018-060 Screen Printing inkCR2RA1passpassGreenORALITE® 5018-060 Screen Printing inkCR2RA1passpass						•		
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: Vellow ORALITE® 5018-020 Screen Printing ink CR2 RA1 pass pass Yellow ORALITE® 5018-020 Screen Printing ink CR2 RA1 pass pass Due ORALITE® 5018-050 Screen Printing ink CR2 RA1 pass pass Green ORALITE® 5018-060 Screen Printing ink CR2 RA1 pass pass Green ORALITE® 5018-060 Screen Printing ink 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: Pass pass pass pass Yellow ORALITE [®] 5018-020 Screen Printing ink CR2 RA1 pass pass Yellow ORALITE [®] 5018-030 Screen Printing ink CR2 RA1 pass pass Jule ORALITE [®] 5018-050 Screen Printing ink CR2 RA1 pass pass Green ORALITE [®] 5018-060 Screen Printing ink CR2 RA1 pass pass								
Black ORALITE [©] 5071-070 Lettering Film NR1 - pass pass Retroreflective sheeting ORALITE [©] 5710 engineering Grade with the following screen printing colours: ORALITE [©] 5018-020 Screen Printing ink CR2 RA1 pass pass Yellow ORALITE [©] 5018-020 Screen Printing ink CR2 RA1 pass pass Yellow ORALITE [©] 5018-030 Screen Printing ink CR2 RA1 pass pass Jule ORALITE [©] 5018-050 Screen Printing ink CR2 RA1 pass pass Green ORALITE [©] 5018-060 Screen Printing ink CR2 RA1 pass pass	Retrorefl	ective sheeting ORALITE [©] 5710 engine	ering Grade w	ith the followin	ng Lettering	Film:		
Retroreflective sheeting ORALITE [©] 5710 engineering Grade with the following screen printing colours: Yellow ORALITE [©] 5018-020 Screen Printing ink CR2 RA1 pass pass Yellow ORALITE [©] 5018-020 Screen Printing ink CR2 RA1 pass pass Yellow ORALITE [©] 5018-030 Screen Printing ink CR2 RA1 pass pass Interview ORALITE [©] 5018-050 Screen Printing ink CR2 RA1 pass pass Green ORALITE [©] 5018-060 Screen Printing ink CR2 RA1 pass pass								
colours:YellowORALITE® 5018-020 Screen Printing inkCR2RA1passpassredORALITE® 5018-030 Screen Printing inkCR2RA1passpassblueORALITE® 5018-050 Screen Printing inkCR2RA1passpassGreenORALITE® 5018-060 Screen Printing inkCR2RA1passpass	DIACK	"ORALITE" 5071-070 Lettering Film		-	pass	pass		
redORALITE5018-030 Screen Printing inkCR2RA1passpassblueORALITE5018-050 Screen Printing inkCR2RA1passpassGreenORALITE5018-060 Screen Printing inkCR2RA1passpass		ORALITE [©] 5018-020 Screen Printing ink	CR2	RA1	pass	pass		
blue ORALITE [©] 5018-050 Screen Printing ink CR2 RA1 pass pass Green ORALITE [©] 5018-060 Screen Printing ink CR2 RA1 pass pass								
Green ORALITE [©] 5018-060 Screen Printing ink CR2 RA1 pass pass	blue		CR2	RA1	pass	pass		
black ORALITE [©] 5018-070 Screen Printing ink NR1 - pass pass	Green		CR2	RA1	pass	pass		
	black	ORALITE [©] 5018-070 Screen Printing ink	NR1	-	pass	pass		

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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[©] 5062-000 Transparent Film. Digital Printing Colour ORALITE[©] 5019 UV Digital Printing Ink ORALITE[©] 5710-010 Engineering Grade On white sheeting and ORALITE[©] 5062-000 Transparent Film CR2 White RA1 pass pass ORALITE[©] 5019-020 UV Digital Printing Yellow CR2 RA1 pass pass Ink and ORALITE[©] 5062-000 Transparent Film ORALITE[©] 5019-030 UV Digital Printing Red CR2 RA1 pass pass Ink and ORALITE[©] 5062-000 Transparent Film Blue ORALITE[©] 5019-050 UV Digital Printing CR2 RA1 pass pass Ink and ORALITE[©] 5062-000 Transparent Film ORALITE[©] 5019-060 UV Digital Printing CR2 RA1 Green pass pass Ink and ORALITE[©] 5062-000 Transparent Film ORALITE[©] 5019-625 UV Digital Printing CR2 RA1 Grey pass pass Ink and ORALITE[©] 5062-000 Transparent Film Black ORALITE[©] 5019-070 UV Digital Printing NR1 pass pass Ink and ORALITE[©] 5062-000 Transparent Film If the colour black is printed solely, this material combination is admitted to be used without the transparent laminate Black ORALITE[©] 5019-070 UV Digital Printing NR1 pass pass Ink Digital printing colour ORALITE[©] 5019i UV Digital Printing Ink On white ORALITE[©] 5710-010 Engineering Grade sheeting and ORALITE[©] 5062-000 Transparent Film CR2 White RA1 pass pass ORALITE[©] 5019i-020 UV Digital Printing CR2 Yellow RA1 pass pass Ink and ORALITE[©] 5062-000 Transparent Film ORALITE[©] 5019i-030 UV Digital Printing CR2 RA1 Red pass pass Ink and ORALITE[©] 5062-000 Transparent Film Blue ORALITE[©] 5019i-050 UV Digital Printing CR2 RA1 pass pass Ink and ORALITE[©] 5062-000 Transparent Film ORALITE[©] 5019i-060 UV Digital Printing Green CR2 RA1 pass pass Ink and ORALITE[©] 5062-000 Transparent Film ORALITE[©] 5019i-035 UV Digital Printing CR1 RA1 Orange pass pass Ink and ORALITE[©] 5062-000 Transparent Film ORALITE[©] 5019i-080 UV Digital Printing Brown CR2 RA1 pass pass Ink and ORALITE[©] 5062-000 Transparent Film ORALITE[©] 5019i-070 UV Digital Printing Black NR1 pass pass Ink and ORALITE[©] 5062-000 Transparent Film

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Ant: Cust	g process.				-
Anti-Gra					
	al dyed retroreflective sheeting with the scre				laminated
with the c	lear protective overlay film ORALITE [©] 5095 A	nti-Graffitti Film	n for the followin	g colours:	
	yed retroreflective sheeting ORALITE [©] 5710 E ORALITE [©] 5018-030 Screen Printing Ink	CR2	RA1		
Red	and	CRZ	KAI	pass	pass
	ORALITE [©] 5095 Anti-Graffiti Film				
Blue	ORALITE [©] 5018-050 Screen Printing Ink	CR2	RA1	pass	pass
	and			P	P
	ORALITE [©] 5095 Anti-Graffiti Film				
Black	ORALITE [©] 5018-070 Screen Printing Ink	NR1	-	pass	pass
	and				
	ORALITE [©] 5095 Anti-Graffiti Film				
	© 5810 High Intensity Grade:				
	lective sheeting ORALITE [©] 5810 High In	tensity Grade	e with the follow	wing origina	ai dyed
colours:					
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.	weatherin
		factor			4.1.1.5.
		4.1.1.3.			For black
		For black			colours:
		colours:			7.2.2.1.4
\A/la:t-a		7.2.2.1.3	D42		
White Yellow	ORALITE [©] 5810-010 High Intensity Grade ORALITE [©] 5810-020 High Intensity Grade	CR2 CR2	RA2 RA2	pass	pass
		CR2	RA2	pass pass	pass pass
		CINZ			
Red	ORALITE [©] 5810-030 High Intensity Grade	CR2	RA/	nass	nass
Red Blue	ORALITE [©] 5810-050 High Intensity Grade	CR2 CR2	RA2 RA2	pass	pass
Red Blue Green	ORALITE [©] 5810-050 High Intensity Grade ORALITE [©] 5810-060 High Intensity Grade	CR2	RA2	pass	pass
Red Blue	ORALITE [©] 5810-050 High Intensity Grade				
Red Blue Green Brown	ORALITE [©] 5810-050 High Intensity Grade ORALITE [©] 5810-060 High Intensity Grade ORALITE [©] 5810-080 High Intensity Grade	CR2 CR2	RA2 RA2	pass pass	pass pass
Red Blue Green Brown Retrorefl	ORALITE [©] 5810-050 High Intensity Grade ORALITE [©] 5810-060 High Intensity Grade ORALITE [©] 5810-080 High Intensity Grade ective sheeting ORALITE [©] 5810 High In	CR2 CR2 tensity Grade	RA2 RA2 with the follow	pass pass wing Letter	pass pass ing Film:
Red Blue Green Brown Retrorefl Black	ORALITE [©] 5810-050 High Intensity Grade ORALITE [©] 5810-060 High Intensity Grade ORALITE [©] 5810-080 High Intensity Grade ective sheeting ORALITE [©] 5810 High In ORALITE [©] 5081-070 Lettering Film	CR2 CR2 tensity Grade	RA2 RA2 with the follow -	pass pass wing Letter pass	pass pass ing Film: pass
Red Blue Green Brown Retrorefl Black Retrorefl	ORALITE [©] 5810-050 High Intensity Grade ORALITE [©] 5810-060 High Intensity Grade ORALITE [©] 5810-080 High Intensity Grade ective sheeting ORALITE [©] 5810 High In ORALITE [©] 5081-070 Lettering Film ective sheeting ORALITE [©] 5810 High In	CR2 CR2 tensity Grade	RA2 RA2 with the follow -	pass pass wing Letter pass	pass pass ing Film: pass
Red Blue Green Brown Retroreff Black Retroreff Laminate	ORALITE [©] 5810-050 High Intensity Grade ORALITE [©] 5810-060 High Intensity Grade ORALITE [©] 5810-080 High Intensity Grade ective sheeting ORALITE [©] 5810 High In ORALITE [©] 5081-070 Lettering Film ective sheeting ORALITE [©] 5810 High In est:	CR2 CR2 tensity Grade NR1 tensity Grade	RA2 RA2 with the follow - with the follow	pass pass wing Letter pass wing Colour	pass pass ing Film: pass ed
Red Blue Green Brown Retrorefl Black Retrorefl Laminate Yellow	ORALITE [©] 5810-050 High Intensity Grade ORALITE [©] 5810-060 High Intensity Grade ORALITE [©] 5810-080 High Intensity Grade ective sheeting ORALITE [©] 5810 High In ORALITE [©] 5081-070 Lettering Film ective sheeting ORALITE [©] 5810 High In es: ORALITE [©] 5061-020 Transparent Film	CR2 CR2 tensity Grade NR1 tensity Grade	RA2 RA2 with the follow - with the follow RA2	pass pass wing Letter pass wing Colour pass	pass pass ing Film: pass ed pass
Red Blue Green Brown Retrorefl Black Retrorefl Laminate Yellow Red	ORALITE [©] 5810-050 High Intensity Grade ORALITE [©] 5810-060 High Intensity Grade ORALITE [©] 5810-080 High Intensity Grade ective sheeting ORALITE [©] 5810 High In ORALITE [©] 5081-070 Lettering Film ective sheeting ORALITE [©] 5810 High In es: ORALITE [©] 5061-020 Transparent Film ORALITE [©] 5061-030 Transparent Film	CR2 CR2 tensity Grade NR1 tensity Grade CR2 CR2	RA2 RA2 with the follow - with the follow RA2 RA2	pass pass wing Letter pass wing Colour pass pass	pass pass ing Film: pass ed pass pass
Red Blue Green Brown Retrorefl Black Retrorefl Laminate Yellow Red Blue	ORALITE [©] 5810-050 High Intensity Grade ORALITE [©] 5810-060 High Intensity Grade ORALITE [©] 5810-080 High Intensity Grade ective sheeting ORALITE [©] 5810 High In ORALITE [©] 5081-070 Lettering Film ective sheeting ORALITE [©] 5810 High In es: ORALITE [©] 5061-020 Transparent Film ORALITE [©] 5061-030 Transparent Film ORALITE [©] 5061-050 Transparent Film	CR2 CR2 tensity Grade NR1 tensity Grade CR2 CR2 CR2 CR2	RA2 RA2 with the follow - with the follow RA2 RA2 RA2 RA2	pass pass wing Letteri pass wing Colour pass pass pass pass	pass pass ing Film: pass ed pass pass pass pass
Red Blue Green Brown Retrorefl Black Retrorefl Laminate Yellow Red Blue Green	ORALITE [©] 5810-050 High Intensity Grade ORALITE [©] 5810-060 High Intensity Grade ORALITE [©] 5810-080 High Intensity Grade ective sheeting ORALITE [©] 5810 High In ORALITE [©] 5081-070 Lettering Film ective sheeting ORALITE [©] 5810 High In estimation ORALITE [©] 5061-020 Transparent Film ORALITE [©] 5061-030 Transparent Film ORALITE [©] 5061-050 Transparent Film ORALITE [©] 5061-060 Transparent Film	CR2 CR2 tensity Grade NR1 tensity Grade CR2 CR2 CR2 CR2 CR2	RA2 RA2 with the follow - with the follow RA2 RA2 RA2 RA2 RA2 RA2	pass pass wing Letter pass wing Colour pass pass pass pass pass	pass pass ing Film: pass ed pass pass pass pass pass
Red Blue Green Brown Retrorefl Black Retrorefl Laminate Yellow Red Blue	ORALITE [©] 5810-050 High Intensity Grade ORALITE [©] 5810-060 High Intensity Grade ORALITE [©] 5810-080 High Intensity Grade ective sheeting ORALITE [©] 5810 High In ORALITE [©] 5081-070 Lettering Film ective sheeting ORALITE [©] 5810 High In es: ORALITE [©] 5061-020 Transparent Film ORALITE [©] 5061-030 Transparent Film ORALITE [©] 5061-050 Transparent Film	CR2 CR2 tensity Grade NR1 tensity Grade CR2 CR2 CR2 CR2	RA2 RA2 with the follow - with the follow RA2 RA2 RA2 RA2	pass pass wing Letteri pass wing Colour pass pass pass pass	pass pass ing Film: pass ed pass pass pass pass

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'ellow	ORALITE [©] 5018-020 Screen Printing Ink	CR2	RA2	pass	pass
Red	ORALITE [©] 5018-030 Screen Printing Ink	CR2	RA2	pass	pass
Blue	ORALITE [©] 5018-050 Screen Printing Ink	CR2	RA2	pass	pass
Green	ORALITE [©] 5018-060 Screen Printing Ink	CR2	RA2	pass	pass
Black	ORALITE [©] 5018-070 Screen Printing Ink	NR1	-	pass	pass
				puss	puss
Digital P	rinting Colours:				
	rinting Colour ORALITE [©] 5019 UV Digita	l Printing	ı Tnk		
	I printing is processed on white retroreflective			printing system	AGFA
	A M2050 High-Speed-UV-Inkjet-System and i				
	rinting with protective laminate ORALIT				
On white	ORALITE [©] 5810-010 High Intensity Grade				
sheeting	and				
White	ORALITE [©] 5061-000 Transparent Film	CR2	RA2	pass	pass
rellow	ORALITE [©] 5019-020 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE [©] 5061-000 Transparent			pass	pass
	Film				
Red	ORALITE [©] 5019-030 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE [©] 5061-000 Transparent			Puss	P 400
	Film				
Blue	ORALITE [©] 5019-050 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE [©] 5061-000 Transparent			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	F
	Film				
Green	ORALITE [©] 5019-060 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE [©] 5061-000 Transparent		10.2	pass	Pass
	Film				
Brown	ORALITE [©] 5019-080 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE [©] 5061-000 Transparent			1.000	1.00
	Film				
Dark	ORALITE [©] 5019-625 UV Digital Printing	CR2	RA2	pass	pass
Green	Ink and ORALITE [©] 5061-000 Transparent			1	
	Film				
Grey	ORALITE [©] 5019-073 UV Digital Printing	CR2	RA2*	pass	pass
	Ink and ORALITE [©] 5061-000 Transparent				
	Film				
*Coefficie	nt of retroreflection: Value for printed colours	70% of F	A2		
Black	ORALITE [©] 5019-070 UV Digital Printing	NR1		pass	pass
	Ink and ORALITE [©] 5061-000 Transparent				
	Film				

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On white	ORALITE [©] 5810-010 High Intensity Grade		ti-Dew Film:		
	and				
sheeting White	ORALITE [©] 5090 Anti-Dew Film	CR2	RA2	pass	pass
Yellow	ORALITE [©] 5019-020 UV Digital Printing	CR2 CR2			
reliow		CRZ	RA2	pass	pass
	Ink and ORALITE [©] 5090 Anti-Dew Film	600	D 4 2		
Red	ORALITE [©] 5019-030 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE [©] 5090 Anti-Dew Film				
Blue	ORALITE [©] 5019-050 UV Digital Printing	CR2	RA2*	pass	pass
	Ink and ORALITE [©] 5090 Anti-Dew Film				
Green	ORALITE [©] 5019-060 UV Digital Printing	CR2	RA2*	pass	pass
	Ink and ORALITE [©] 5090 Anti-Dew Film				
Brown	ORALITE [©] 5019-080 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE [©] 5090 Anti-Dew Film				
Dark	ORALITE [©] 5019-625 UV Digital Printing	CR2	RA2	pass	pass
Green	Ink and ORALITE [©] 5090 Anti-Dew Film	0.12		P	pace
Grey	ORALITE [©] 5019-073 UV Digital Printing	CR2	RA2	pass	pass
ulcy	Ink and ORALITE [©] 5090 Anti-Dew Film	CIVE	10.72	pass	pass
*Coofficio	nt of retroreflection: Value for printed colours	70% of DA2			
Black				nass	naar
ыаск	ORALITE [©] 5019-070 UV Digital Printing	NR1		pass	pass
-	Ink and ORALITE [©] 5090 Anti-Dew Film		1		
	rinting with protective laminate ORALIT	E [©] 5095 An	ti-Graffiti Film:		
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
	Ink and ORALITE [©] 5095 Anti-Graffiti Film			•	
Red	ORALITE [©] 5019-030 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE [©] 5095 Anti-Graffiti Film	O. L	10.2	pass	pubb
Blue	ORALITE [©] 5019-050 UV Digital Printing	CR2	RA2*	pass	pass
Diue	Ink and ORALITE [©] 5095 Anti-Graffiti Film	CRZ	NAZ '	pass	pass
Cuesar		CD2	DA2*		
Green	ORALITE [©] 5019-060 UV Digital Printing	CR2	RA2*	pass	pass
	Ink and ORALITE [©] 5095 Anti-Graffiti Film		1.0.0		
Braun	ORALITE [©] 5019-080 UV Digital Printing	CR2	RA2	pass	pass
1	Ink and ORALITE [©] 5095 Anti-Graffiti Film			1. Contract (1. Contract)	
Grey	ORALITE [©] 5019-073 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE [©] 5095 Anti-Graffiti Film				
*Coefficie	nt of retrorefelction: Value for printed colours	570% of RA2			
	ORALITE [©] 5019-070 UV Digital Printing	NR1	-	pass	pass
Black	Ink and ORALITE [©] 5095 Anti-Graffiti Film				
Black					
		nation is adm	itted to be used v	vithout the tr	ansparent
If the colo	bur Black is printed solely, this material combi	nation is adm	itted to be used v	vithout the tr	ansparent
		nation is adm	itted to be used v	vithout the tr	ansparent pass

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	A M2050 High-Speed-UV-Inkjet-System and i	e sheeting with s to be laminate			
	³ 5061-000 Transparent Film			sparent lann	inacc
On white	ORALITE [©] 5810-010 High Intensity Grade				
sheeting	and				
White	ORALITE [©] 5061-000 Transparent Film	CR2	RA2	pass	pass
Yellow	ORALITE [©] 5019i-020 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE [©] 5061-000 Transparent				
Ded	Film	CD2	D42		
Red	ORALITE [©] 5019i-030 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE [©] 5061-000 Transparent Film				
Blue	ORALITE [©] 5019i-050 UV Digital Printing	CR2	RA2	nacc	
Diue	Ink and ORALITE [©] 5061-000 Transparent	CNZ	NAZ	pass	pass
	Film				
Green	ORALITE [©] 5019i-060 UV Digital Printing	CR2	RA2	pass	pass
Green	Ink and ORALITE [©] 5061-000 Transparent	CITZ	10.12	puss	puss
	Film				
Brown	ORALITE [©] 5019i-080 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE [©] 5061-000 Transparent				1
	Film			1	
Dark	ORALITE [©] 5019i-625 UV Digital Printing	CR2	RA2	pass	pass
Green	Ink and ORALITE [©] 5061-000 Transparent			. 	1
	Film				
Grey	ORALITE [©] 5019i-073 UV Digital Printing	CR2	RA2	pass	pass
	Ink and ORALITE [©] 5061-000 Transparent				
	Film				
Black	ORALITE [©] 5019i-070 UV Digital Printing	NR1	-	pass	pass
	Ink and ORALITE [©] 5061-000 Transparent				
	Film				
	rlay film with special function:				
Clear over	erlay film with special function: lay films with special function (anti-dew and	anti-graffiti) are	e always admitte	ed in combin	ation with a
Clear over dyed shee	erlay film with special function: lay films with special function (anti-dew and ting and a colouring process.	anti-graffiti) are	l e always admitte	ed in combin	ation with a
Clear over dyed shee Anti Dew	erlay film with special function: lay films with special function (anti-dew and ting and a colouring process.		<u> </u>	-	
Clear over <u>dyed shee</u> Anti Dew The dyed	erlay film with special function: lay films with special function (anti-dew and ting and a colouring process. ': sheeting and the combination with coloured l	aminates is acc	epted to be pro-	cessed with	
Clear over <u>dyed shee</u> Anti Dew The dyed overlay fili	erlay film with special function: lay films with special function (anti-dew and ting and a colouring process. sheeting and the combination with coloured l m anti-dew function ORALITE [©] 5090 Andi-De	aminates is acc	epted to be pro-	cessed with	
Clear over dyed shee Anti Dew The dyed overlay film Dyed Ret	Prlay film with special function: lay films with special function (anti-dew and ting and a colouring process. sheeting and the combination with coloured l m anti-dew function ORALITE [©] 5090 Andi-De troreflective Sheeting:	aminates is acc w film for the f	epted to be pro ollowing colours	cessed with	the clear
Clear over dyed shee Anti Dew The dyed overlay film Dyed Ret	Prlay film with special function: lay films with special function (anti-dew and ting and a colouring process. sheeting and the combination with coloured l m anti-dew function ORALITE [©] 5090 Andi-De troreflective Sheeting: ORALITE [©] 5810-010 High Intensity Grade	aminates is acc w film for the f	epted to be pro-	cessed with	
Clear over dyed shee Anti Dew The dyed overlay film Dyed Ret White	Prlay film with special function: lay films with special function (anti-dew and ting and a colouring process. sheeting and the combination with coloured I m anti-dew function ORALITE [©] 5090 Andi-De troreflective Sheeting: ORALITE [©] 5810-010 High Intensity Grade and ORALITE [©] 5090 Anti-Dew film	aminates is acc w film for the f	epted to be pro- ollowing colours	cessed with : pass	the clear
Clear over dyed shee Anti Dew The dyed overlay film Dyed Ret	Prlay film with special function: lay films with special function (anti-dew and ting and a colouring process. sheeting and the combination with coloured l manti-dew function ORALITE [©] 5090 Andi-De troreflective Sheeting: ORALITE [©] 5810-010 High Intensity Grade and ORALITE [©] 5810-020 High Intensity Grade ORALITE [©] 5810-020 High Intensity Grade	aminates is acc w film for the f	epted to be pro ollowing colours	cessed with	the clear
Clear over dyed shee Anti Dew The dyed overlay film Dyed Ret White	Prlay film with special function: lay films with special function (anti-dew and ting and a colouring process. sheeting and the combination with coloured I m anti-dew function ORALITE [©] 5090 Andi-De troreflective Sheeting: ORALITE [©] 5810-010 High Intensity Grade and ORALITE [©] 5090 Anti-Dew film	aminates is acc w film for the f	epted to be pro- ollowing colours	cessed with : pass	the clear
Clear over dyed shee Anti Dew The dyed overlay fili Dyed Ret White Yellow	Priay film with special function: lay films with special function (anti-dew and ting and a colouring process. sheeting and the combination with coloured I manti-dew function ORALITE [©] 5090 Andi-De croeflective 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 ORALITE [©] 5810-020 High Intensity Grade and ORALITE [©] 5810-020 High Intensity Grade and ORALITE [©] 5810-030 High Intensity Grade	aminates is acc w film for the f CR2 CR2	RA2	pass	the clear pass pass
Clear over dyed shee Anti Dew The dyed overlay fili Dyed Ret White Yellow	erlay film with special function: lay films with special function (anti-dew and ting and a colouring process. sheeting and the combination with coloured I m anti-dew function ORALITE [©] 5090 Andi-De croeflective 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	aminates is acc w film for the f CR2 CR2	RA2	pass	the clear pass pass
Clear over dyed shee Anti Dew The dyed overlay fill Dyed Ret White Yellow Red	erlay film with special function: lay films with special function (anti-dew and ting and a colouring process. sheeting and the combination with coloured I m anti-dew function ORALITE [©] 5090 Andi-De troreflective 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 ORALITE [©] 5810-030 High Intensity Grade and ORALITE [©] 5090 Anti-Dew film	aminates is acc w film for the f CR2 CR2 CR2 CR2	RA2 RA2 RA2 RA2 RA2	pass pass pass pass	the clear pass pass pass
Clear over dyed shee Anti Dew The dyed overlay fill Dyed Ref White Yellow Red Blue	 Prlay film with special function: Iay films with special function (anti-dew and ting and a colouring process. sheeting and the combination with coloured Im anti-dew function ORALITE[©] 5090 Andi-Decoreflective 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 ORALITE[©] 5810-030 High Intensity Grade and ORALITE[©] 5090 Anti-Dew film ORALITE[©] 5810-030 High Intensity Grade and ORALITE[©] 5090 Anti-Dew film ORALITE[©] 5810-050 High Intensity Grade and ORALITE[©] 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	cessed with pass pass pass pass pass	the clear pass pass pass pass
Clear over dyed shee Anti Dew The dyed overlay fill Dyed Ref White Yellow Red Blue	Prlay film with special function: lay films with special function (anti-dew and ting and a colouring process. sheeting and the combination with coloured I m anti-dew function ORALITE [©] 5090 Andi-Decemperereflective 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 ORALITE [©] 5810-020 High Intensity Grade and ORALITE [©] 5810-030 High Intensity Grade and ORALITE [©] 5810-030 High Intensity Grade and ORALITE [©] 5810-050 High Intensity Grade and ORALITE [©] 5090 Anti-Dew film ORALITE [©] 5810-050 High Intensity Grade and ORALITE [©] 5090 Anti-Dew film ORALITE [©] 5810-050 High Intensity Grade and ORALITE [©] 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	cessed with pass pass pass pass pass	the clear pass pass pass pass
Clear over dyed shee Anti Dew The dyed overlay fill Dyed Ref White Yellow Red Blue	 Prlay film with special function: lay films with special function (anti-dew and ting and a colouring process. sheeting and the combination with coloured I m anti-dew function ORALITE[®] 5090 Andi-De Toreflective 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 ORALITE[®] 5810-030 High Intensity Grade and ORALITE[®] 5090 Anti-Dew film ORALITE[®] 5810-030 High Intensity Grade and ORALITE[®] 5090 Anti-Dew film ORALITE[®] 5810-050 High Intensity Grade and ORALITE[®] 5090 Anti-Dew film ORALITE[®] 5810-050 High Intensity Grade and ORALITE[®] 5090 Anti-Dew film ORALITE[®] 5090 Anti-Dew film ORALITE[®] 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	cessed with pass pass pass pass pass	the clear pass pass pass pass
Clear over dyed shee Anti Dew The dyed overlay fili Dyed Ret White Yellow Red Blue Dyed Ret Yellow	Prlay film with special function: lay films with special function (anti-dew and ting and a colouring process. sheeting and the combination with coloured I m anti-dew function ORALITE [®] 5090 Andi-De rereflective 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 ORALITE [®] 5810-030 High Intensity Grade and ORALITE [®] 5090 Anti-Dew film ORALITE [®] 5810-050 High Intensity Grade and ORALITE [®] 5090 Anti-Dew film ORALITE [®] 5810-050 High Intensity Grade and ORALITE [®] 5090 Anti-Dew film ORALITE [®] 5010-050 High Intensity Grade and ORALITE [®] 5090 Anti-Dew film	aminates is acc w film for the f CR2 CR2 CR2 CR2 CR2 CR2 igh Intensity CR2	RA2 RA2 RA2 RA2 RA2 RA2 RA2 RA2 RA2 RA2	cessed with pass pass pass pass pass	the clear pass pass pass pass pass
Clear over dyed shee Anti Dew The dyed overlay fili Dyed Ret White Yellow Red Blue Dyed Ret	Prlay film with special function: lay films with special function (anti-dew and ting and a colouring process. sheeting and the combination with coloured I m anti-dew function ORALITE [®] 5090 Andi-De reflective 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 ORALITE [®] 5810-030 High Intensity Grade and ORALITE [®] 5090 Anti-Dew film ORALITE [®] 5810-050 High Intensity Grade and ORALITE [®] 5090 Anti-Dew film ORALITE [®] 5810-050 High Intensity Grade and ORALITE [®] 5090 Anti-Dew film ORALITE [®] 5010-050 High Intensity Grade and ORALITE [®] 5090 Anti-Dew film ORALITE [®] 5061-020 Transparent Film and ORALITE [®] 5090 Anti-Dew film ORALITE [®] 5090 Anti-Dew film	aminates is acc w film for the f CR2 CR2 CR2 CR2 CR2 CR2 igh Intensity	RA2 RA2 RA2 RA2 RA2 RA2 RA2 RA2 RA2 RA2	cessed with pass pass pass pass pass	the clear pass pass pass pass pass
Clear over dyed shee Anti Dew The dyed overlay fili Dyed Ret White Yellow Red Blue Dyed Ret Yellow Red	Prlay film with special function: lay films with special function (anti-dew and ting and a colouring process. sheeting and the combination with coloured I m anti-dew function ORALITE® 5090 Andi-De r: sheeting and the combination with coloured I m anti-dew function ORALITE® 5090 Andi-De r: sheeting and the combination with coloured I m anti-dew function ORALITE® 5090 Andi-De r: Sheeting: ORALITE® 5810-010 High Intensity Grade and ORALITE® 5810-020 High Intensity Grade and ORALITE® 5810-030 High Intensity Grade and ORALITE® 5810-030 High Intensity Grade and ORALITE® 5810-050 High Intensity Grade and ORALITE® 5090 Anti-Dew film ORALITE® 5810-050 High Intensity Grade and ORALITE® 5090 Anti-Dew film ORALITE® 5061-020 Transparent Film and ORALITE® 5061-030 Transparent Film and ORALITE® 5090 Anti-Dew film	aminates is acc w film for the fr CR2 CR2 CR2 CR2 CR2 CR2 CR2 CR2 CR2 CR2	RA2 RA2 RA2 RA2 RA2 RA2 RA2 RA2 RA2 RA2	cessed with pass pass pass pass pass pass	the clear pass pass pass pass pass
Clear over dyed shee Anti Dew The dyed overlay fili Dyed Ret White Yellow Red Blue Dyed Ret Yellow	Prlay film with special function: lay films with special function (anti-dew and ting and a colouring process. sheeting and the combination with coloured I m anti-dew function ORALITE [®] 5090 Andi-De reflective 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 ORALITE [®] 5810-030 High Intensity Grade and ORALITE [®] 5090 Anti-Dew film ORALITE [®] 5810-050 High Intensity Grade and ORALITE [®] 5090 Anti-Dew film ORALITE [®] 5810-050 High Intensity Grade and ORALITE [®] 5090 Anti-Dew film ORALITE [®] 5010-050 High Intensity Grade and ORALITE [®] 5090 Anti-Dew film ORALITE [®] 5061-020 Transparent Film and ORALITE [®] 5090 Anti-Dew film ORALITE [®] 5090 Anti-Dew film	aminates is acc w film for the f CR2 CR2 CR2 CR2 CR2 CR2 igh Intensity CR2	RA2 RA2 RA2 RA2 RA2 RA2 RA2 RA2 RA2 RA2	cessed with pass pass pass pass pass pass	the clear pass pass pass pass pass

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Dyed Ret	troreflective Sheeting O	RALITE [©] 5810 H	ligh Inten	sity Grad	de with Lett	ering filn	า:
Black	ORALITE [©] 5081-070 Lett	ering Film	NR1	-	-	pass	pass
	and ORALITE [©] 5090 Anti	Dew film					
			•	•		•	
Anti-Gra	ffiti:						
The dyed	sheeting and the combinati	on with coloured	aminates is	s accepted	d to be proce	ssed with	the clear
overlay fili	m with anti-graffiti function	ORALITE [©] 5095	Anti Graffiti	Film for t	the following	colours.	
Dyed Ret	troreflective Sheeting:						
White	ORALITE [©] 5810-010 High	Intensity Grade	CR2		RA2	pass	pass
	and ORALITE [©] 5095 Anti	Graffiti Film				-	-
Yellow	ORALITE [©] 5810-020 High		CR2		RA2	pass	pass
	and ORALITE [©] 5095 Anti-						
Red	ORALITE [©] 5810-030 High		CR2		RA2	pass	pass
	and ORALITE [©] 5095 Anti						
Blue	ORALITE [©] 5810-050 High	Intensity Grade	CR2		RA2	pass	pass
	and ORALITE [©] 5095 Anti	-Graffiti Film					
	troreflective Sheeting O						
Yellow	ORALITE [©] 5061-020 Trar		CR2		RA2	pass	pass
	and ORALITE [©] 5095 Anti		002		543	-	
Red	ORALITE [©] 5061-030 Tran		CR2		RA2	pass	pass
Dhue	and ORALITE [©] 5095 Anti		CR2		DAD		
Blue	ORALITE [©] 5061-050 Tran and ORALITE [©] 5095 Anti-		CRZ		RA2	pass	pass
	and ORALITE 5095 And				_		
Dvod Pot	troreflective Sheeting O		ligh Inton	sity Grad	le with Lett	orina Filr	n:
Black	ORALITE [©] 5081-070 Lett		NR1		-	pass	pass
Diacit	and ORALITE [©] 5095 Anti-					puss	puss
External illu	imination:						
mean illumi	nance,				NPD		
uniformity o	of illuminance				NPD		
Corrosion re					T		
Steel pipes	and fins			1	Minimum s	5235	
					SP1 The pipe a	nd fine are	offer
							p galvanized t
					a minimum	J	p galvanizeu u
					a minut	r or oopini	
Screws, nut	s and washers				SP2		
					Minimum A	A2, Class 7	0
						-	
Aluminum p	plate				SP1		
					Lacquered	Al-plate o	n exposed side
					if any		
.					NDD		
	e to penetration of dust				NPD		ار دار در می
and water							be provided
							or electrical
					equipment		

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Issue date: 2018-04-18



Annex 2

TECHNICAL BASIS

Title	Date
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
Infra Group danmark ApS Calculation of minor traffic signs (ITC) Shapes and sizes for signs mounted in gallows type GS Revision 01	January 2018
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

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