CP 130 (-LS)

PRODUCT PASS

Date: **30-03-2023**

Language: English





1 GENERAL EXPLANATION

The following paragraphs indicate the performances which can be declared on the Declaration of Performance (DoP) in accordance with Regulation (EU) no. 305/2011 of the European Parliament and of the Council of 9 March 2011.

The listed characteristics are the essential characteristics for external pedestrian doorsets according to hEN 14351-1:2006+A2:2016 Windows and doors - Product standard, performance characteristics - Part 1: Windows and external pedestrian doorsets.

All essential characteristics should be mentioned on the DoP. Where no performance is required, NPD (No Performance Declared) can be used.

The mentioned performances are performances which can be achieved for the given dimensions when the product is fabricated following the Reynaers instruction manual (catalogue). The performances as mentioned will meet the requirements of the majority of projects.

Higher performances for smaller dimensions or lower performances for larger dimensions might be possible. In this case contact your Reynaers office. For AWW performances, the maximum dimensions indicated in the system catalogue must be respected.

It is obviously allowed to declare lower performances than those mentioned in the product pass. E.g. when resistance to wind load of 1600 Pa was tested, also 1200 Pa can be declared.

In the second part of the table the non-essential characteristics are indicated. These are the characteristics which give information about the performance of a product, but which are not legally required in any European country and thus not mandatory to declare.

2 NOTIFIED BODIES

ID	Name	Address	Country
0074	CENTRE D'EXPERTISE DU BÂTIMENT ET DES TRAVAUX PUBLICS	Domaine De Saint-Paul – 102, Route de Limours 78471 Saint-Remy-Les-Chevreuse Cedex	France
0432	MATERIALPRÜFUNGSAMT NORDRHEIN-WESTFALEN	Auf den Thränen 2 59597 Erwitte	Germany
0679	CENTRE SCIENTIFIQUE ET TECHNIQUE DU BÂTIMENT	84, Avenue Jean Jaurès Champs-sur-Marne F-77447 Marne-la-Vallée Cedex 2	France
0744	SOCOTEC	Les Quadrants – 3,Avenue du Centre – Guyancourt 78182 St-Quentin en Yvelines	France
0749	BELGIAN CONSTRUCTION CERTIFICATION ASSOCIATION	Aarlenstraat 53 1040 Brussel	Belgium
0757	IFT ROSENHEIM	Theodor-Gietl-Strasse 7-9 83026 Rosenheim	Germany
0845	DANISH INSTITUTE OF FIRE AND SECURITY TECHNOLOGY	Jernholmen, 12 2650 Hvidovre	Denmark
0960	SKG-IKOB	Poppenbouwing 56 4191 NZ Geldermalsen	Netherlands
1136	BELGIAN BUILDING RESEARCH INSITUTE	Lombardstraat 42 1000 Brussel	Belgium
1234	EFECTIS NEDERLAND	Brandpuntlaan Zuid 16, Postbus 554 2665 ZN Bleiswijk	Netherlands
1288	WINTECH ENGINEERING LIMITED	Halesfield 2 Telford,Shropshire TF7 4QH	United Kingdom
1309	PRÜFINSTITUT SCHLÖSSER UND BESCHLÄGE, VELBERT	Wallstrasse 41 42551 Velbert	Germany
1488	INSTYTUT TECHNIKI BUDOWLANEJ	ul. Filtrowa 1 00-611 Warszawa	Poland
1671	PEUTZ	Lindenlaan 41, Molenhoek PO Box 66 6585 ZH MOOK	Netherlands
1749	TNO DEFENCE, SECURITY AND SAFETY	Lange Kleiweg 137, Postbus 45 2280 AA Rijswijk	Netherlands
1769	UNIVERSITY OF GENT	Sint-Pietersnieuwstraat 41 9000 Gent	Belgium
2211	INSTITUTO DE INVESTIGAÇÃO E DESENVOLVIMENTO TECNOLÓGICO PARA A CONSTRUÇÃO, ENERGIA, AMBIENTE E SUSTENTABILIDADE	Rua Pedro Hispano Pólo II da Universidade de Coimbra 3030-289 Coimbra	Portugal

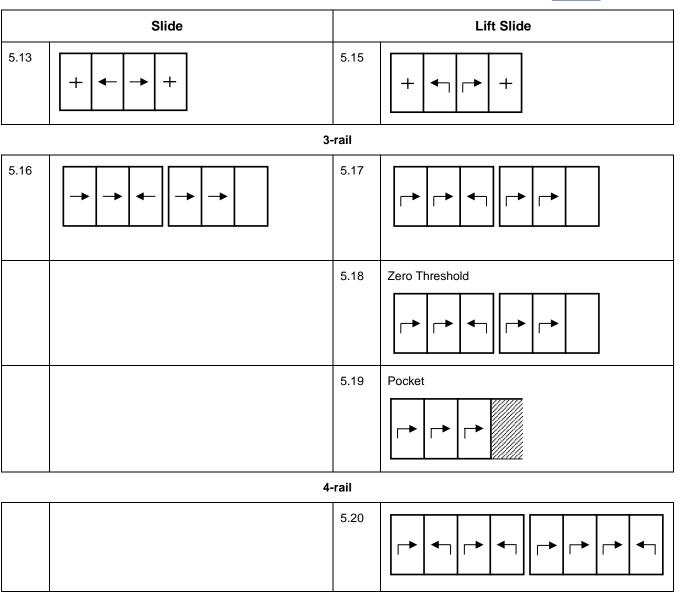


3 VARIANTS

Different variants have been grouped based on similar design and following the guidelines of the harmonised standard

	Slide		Lift Slide
	2-	rail	
5.1	→ ← → ←	5.3	
5.2	→ ← →	5.4	
		5.5	Flat bottom
		5.6	750 Pa
		5.7	Corner
	Monorail – I	nside gla	azing
5.8	+ + +	5.10	+ + +
5.9	+ + +	5.11	+ + +
	Monorail – O	utside g	lazing
5.12	+ + +	5.14	+ + +



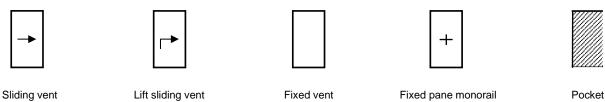


4 EXPLANATIONS AND SYMBOLS

H: Element Height B: Element Width Fh: Vent Height Fb: Vent Width

npd: No Performance Declared

CWFT: Classification Without Further Testing



⁽¹⁾ Remark resistance to wind load:The inertia of the profile section must be chosen in function of the required performance.

Tubular glazing beads: P < 2000 Pa, WxH < 3200x3200 (SKG 10.185a).

⁽²⁾ With "hidden drainage" solution

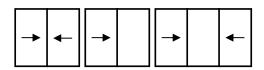
 $^{^{(3)}}$ Standard glazing beads: P < 2000 Pa, WxH < 1400x2400; P < 1200 Pa, WxH < 3200x3200.

⁽⁴⁾ Report for CP 96 and/or CP 96-LS can be used because of identical or equivalent accessories



5 PERFORMANCE

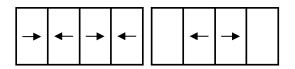
5.1 2-rail Slide



4.2 Resistance to wind load C3 (1200 Pa) (1) [0960] - 10.1044 FbxFh < 14 4.5 Watertightness 6A (250 Pa) [0960] - 15.00230 (2) FbxFh < 14 4.6 Dangerous substances In the materials delivered by Reynaers, no dangerous substances at hEN 14351-1 are used. 4.7 Impact resistance 5 [0960] - SKG/HRU/cbo/10.0099-2 FbxFh > SKG/HRU/cbo/10.	611x2433 ⁽³⁾ 400x2600 ⁽³⁾ 1611x2433 1400x2600 s indicated in 739x1739	
4.2 Resistance to wind load C3 (1200 Pa) (1) [0960] - 10.1044 FbxFh < 14	400x2600 ⁽³⁾ 1611x2433 1400x2600 s indicated in	
4.5 Watertigniness 8A (450 Pa) [0960] - 10.1044 FbxFh < 4	s indicated in	
A.0 Impact resistance SKG/HRU/cbo/10.0099-2 FbxFh >		
4.8 Load-bearing capacity of safety devices 4.9 Height & width See 6 Glass: Sliding door: 34 (-1;-4) 32 (-1;-3) TC10_016E WxH = 2 38 (-2;-6) 35 (-1;-3) [1671] - A 2224-1-RA- 40 (-1;-3) 37 (-1;-3) 002 4.12 Thermal transmittance 4.12 Thermal transmittance Thermal transmittance 4.13 Radiation properties These properties must be evaluated by the CE-label of the ground of the properties for the ground of the properties for the ground of the	739x1739	
4.9 Height & width See 6 4.9 Height & width See 6 Glass: Sliding door: 34 (-1;-4) 32 (-1;-3) TC10_016E WxH = 2 38 (-2;-6) 35 (-1;-3) [1671] - A 2224-1-RA- WxH = 2 4.12 Thermal transmittance Uw to be calculated in function of the project with actual dimensurable of the control of the project with actual dimensurable of the control of the project with actual dimensurable of the control of the project with actual dimensurable of the control of the project with actual dimensurable of the control of the cont		
4.11 Acoustic performance Acoustic performance 34 (-1;-4) 32 (-1;-3) TC10_016E WxH = 2		
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4.11 Acoustic performance 34 (-1;-4) 32 (-1;-3) TC10_016E WxH = 2		
38 (-2;-6) 35 (-1;-3) [16/1] - A 2224-1-RA- WxH = 2	WxH = 2700x2400	
4.12 Thermal transmittance 4.12 Thermal transmittance 4.13 Radiation properties 4.14 Air permeability 4.15 Air permeability 4.16 Air permeability 4.16 Air permeability 4.17 Air permeability 4.18 Air permeability 4.19 Air permeability 4.10 C+1;-3)	181x2437	
Uw to be calculated in function of the project with actual dimer Uf-values are calculated under certification of BCCA: certificate BP 10077/2. 4.13 Radiation properties These properties must be evaluated by the CE-label of the General Air permeability 4.14 Air permeability 4 [0960] - 15.00230 FbxFh < 600 FbxFh <		
4.14 Air permeability 4 [0960] - 15.00230 FbxFh < 7	nsions.	
3 [0960] - 10.1044 FbxFh < 2	glass	
Non-essential characteristics	1611x2433 1400x2600	
Anodized: A1		
1 1 / 16 Operating torces 1 1 100601 = 11 1175	1503x2616 7 kg	
4.17 Mechanical strength npd		
4.18 Ventilation npd		
4.19 Bullet resistance (BP version) npd		
4.20 Explosion resistance npd		
1 1 4 21 1 ' 1 3 (20 000) 1 109601 = 11 1125	1503x2616 7 kg	
4.22 Behaviour between different climates npd		
4.23 Burglar resistance (AP version) RC 2 [1136] – CAR 9253/3 [1136] – GSFM-20-071 See	report	



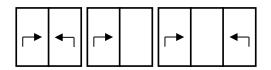
5.2 2-rail Slide



		Characteristic	Perform	ance	Notified body - Report	Limits (mm)	
			Essen	tial charact	eristics		
	4.2	Resistance to wind load	C3 (1200	Pa) ⁽¹⁾	[0960] – SKG/HRU/cbo/10.0817A	FbxFh < 1400x2600 ⁽³⁾	
	4.5	Watertightness	8A (450	Pa)	[0960] – SKG/HRU/cbo/10.0817A	FbxFh < 1400x2600	
	4.6	Dangerous substances	In the mater	ials delivere	ed by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.		
	4.7	Impact resistance	5		[0960] - SKG/HRU/cbo/10.0099-2	FbxFh > 739x1739	
_	4.8	Load-bearing capacity of safety devices		·	npd		
EN 14351-1	4.9	Height & width			See 6		
EN			Glass:	Sliding door:			
	4 4 4	A countie norformance	34 (-1;-4)	32 (-1;-3)		WxH = 2700x2400	
	4.11	Acoustic performance	38 (-2;-6) 35		[1671] – A 2224-1-RA-	WxH = 2181x2437	
			40 (-1;-3) 41 (-2;-4)	37 (-1;-3) 37 (0;-2)		WxH = 2700x2334	
	4.12	Thermal transmittance	Uw to	be calculate	ed in function of the project wit ed under certification of BCCA: 10077/2.		
	4.13	Radiation properties	These propert		es must be evaluated by the Cl	E-label of the glass	
	4.14	Air permeability	3		[0960] – SKG/HRU/cbo/10.0817A	FbxFh < 1400x2600	
			Non-ess	ential chara			
	4.4.1	Reaction to fire	Anodize Painted Gasket	A2 certificate EFR-21-001664A			
	4.16	Operating forces	1		[0960] – 11.1125	FbxFh < 1503x2616 297 kg	
	4.17	Mechanical strength			npd		
7	4.18	Ventilation			npd		
EN 14351-'	4.19	Bullet resistance (BP version)			npd		
<u></u>	4.20	Explosion resistance			npd		
	4.21	Resistance to repeated opening and closing	3 (20.0	000)	[0960] – 11.1125	FbxFh < 1503x2616 297 kg	
	4.22	Behaviour between different climates			npd		
	4.23	Burglar resistance (AP version)	RC:	2	[1136] – CAR 9253/3 [1136] – GSFM-20-071	See report	



5.3 2-rail Lift Slide

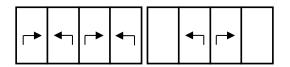


		Characteristic	Perform	ance		Notified body - Report	Limits (mm)	
			Essen	tial charac	cter	istics		
	4.2	Resistance to wind load	C2 (800 B5 (2000			[0960] – 22.00797 [0960] – 20.00072 *	FbxFh < 1510x2633 ⁽³⁾ FbxFh < 1486x2633 ⁽³⁾	
	4.5	Watertightness	9A (600 7A (300		[0960] – 22.00797 [0960] – 20.00072 *		FbxFh < 1510x2633 FbxFh < 1486x2633	
	4.6	Dangerous substances	In the mater	ials delive	red	red by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.		
	4.7	Impact resistance	5		;	[0960] – SKG/HRU/cbo/10.0099-3	FbxFh > 821x1729	
-	4.8	Load-bearing capacity of safety devices				npd		
EN 14351-1	4.9	Height & width				See 6		
E	4.11	Acoustic performance	Glass: Sliding door: 35 (-2;-6) 34 (-1;-4 41 (-2;-4) 37 (-1;-4 45 (-2;-6) 39 (-1;-3 52 (-1;-5) 40 (-1;-3		4) 4) 3)	[0960] – 11.156-Rev A [0960] – 11.156-Rev A [1671] – A 3378-1E-RA-00 [1671] – A 3378-1E-RA-00		
	4.12	Thermal transmittance				in function of the project with under certification of BCCA: 10077/2.	n actual dimensions.	
	4.13	Radiation properties	The	se propert	ies	must be evaluated by the CE	-label of the glass	
	4.14	Air permeability	4		[0960] – 22.00797 [0960] – 20.00072 *		FbxFh < 1510x2633 FbxFh < 1486x2633	
			Non-esse	ential cha	ract	eristics		
	4.4.1	Reaction to fire	Anodize Painted Gasket	: A2	C	EC decision 96/603/EC ertificate EFR-21-001664A [0432] – 230006500-6		
	4.16	Operating forces	1		[1488] – LK-02344/09/9/part 1 (4) [0960] – 21.00400 rev A		FbxFh < 1101x2229 66 kg FbxFh < 2300x2700 300/400 kg	
	4.17	Mechanical strength	4		[0960] – 18.00277.1 rev A		FbxFh < 1510x2633 171 kg	
<u> </u>	4.18	Ventilation				npd		
EN 14351-1	4.19	Bullet resistance (BP version)				npd		
	4.20	Explosion resistance				npd		
		Resistance to repeated	4 (50.0	000)	[0960] - 09.1125 (4)		FbxFh < 1428x2219 150 kg	
	4.21	opening and closing	3 (20.0	000)		[0960] – 21.00400 rev A	FbxFh < 2300x2700 300/400 kg	
	4.22	Behaviour between different climates			ı	npd		
	4.23	Burglar resistance (AP version)	RC:	2		[1136] – CAR 10257/3 [1136] – GSFM-20-071	See report	

^{*} Slim Chicane



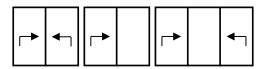
5.4 2-rail Lift Slide



		Characteristic	Perform	ance	N	otified body - Report	Limits (mm)	
			Essen	Essential characteristics				
	4.2	Resistance to wind load	B3 (1200	Pa) ⁽¹⁾		[0960] – 16.00974	FbxFh < 1510x2633 ⁽³⁾	
	4.5	Watertightness	8A (450) Pa)		[0960] – 16.00974	FbxFh < 1510x2633	
	4.6	Dangerous substances	In the mater	rials delive	red by	ed by Reynaers, no dangerous substances as indicated hEN 14351-1 are used.		
	4.7	Impact resistance	5		[0960] — SKG/HRU/cbo/10.0099-3		FbxFh > 821x1729	
2	4.8	Load-bearing capacity of safety devices				npd		
EN 14351-1	4.9	Height & width				See 6		
፱	4.11	Acoustic performance	Glass: Sliding d 35 (-2;-6) 34 (-1;- 41 (-2;-4) 37 (-1;- 45 (-2;-6) 39 (-1;- 50 (-3;-8) 39 (-1;-		-4) -4) -3) -3)	[0960] – 11.156-Rev A	WxH = 4090x2334	
	4.12	Thermal transmittance		be calcula	ated in	function of the project with nder certification of BCCA: 10077/2.		
	4.13	Radiation properties	These propert		ies m	ust be evaluated by the CE	-label of the glass	
	4.14	Air permeability	4		[0960] – 16.00974		FbxFh < 1510x2633	
			Non-ess	ential chai	racter	ristics		
	4.4.1	Reaction to fire	Anodize Painted Gasket	l: A2	cert	C decision 96/603/EC ificate EFR-21-001664A 0432] – 230006500-6		
	4.16	Operating forces	1		[148	38] – LK-02344/09/9/part 1 ⁽⁴⁾ 960] – 21.00400 rev A	FbxFh < 1101x2229 66 kg FbxFh < 2300x2700 300/400 kg	
	4.17	Mechanical strength	4		[0960] – 18.00277.1 rev A		FbxFh < 1510x2633 171 kg	
<u> -</u>	4.18	Ventilation				npd		
EN 14351-1	4.19	Bullet resistance (BP version)			npd			
ā	4.20	Explosion resistance				npd		
	4.21	Resistance to repeated opening and closing	4 (50.0 3 (20.0	,	[0	[0960] – 09.1125 ⁽⁴⁾ [960] – 21.00400 rev A	FbxFh < 1428x2219 150 kg FbxFh < 2300x2700 300/400 kg	
	4.22	Behaviour between different climates				npd		
	4.23	Burglar resistance (AP version)	RC	2		1136] – CAR 10257/3 1136] – GSFM-20-071	See report	



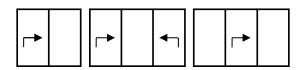
5.5 2-rail Lift Slide – Flat bottom



		Characteristic	Perform	ance		Notified body - Report	Limits (mm)
			Essen	tial charac	cteri	stics	
	4.2	Resistance to wind load	A3 (1200	Pa) ⁽¹⁾		[0960] – 11.1056	FbxFh < 1540x2727 ⁽³⁾
	4.5	Watertightness	4A (150	Pa)		[0960] – 11.1056	FbxFh < 1540x2727
	4.6	Dangerous substances	In the mater	ials deliver	red by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.		
	4.7	Impact resistance	5		[0960] — SKG/HRU/cbo/10.0099-3		FbxFh > 821x1729
-	4.8	Load-bearing capacity of safety devices			npd		
EN 14351-1	4.9	Height & width				See 6	
EN	4.11	Acoustic performance	Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8)	door: ;-6) 34 (-1;-4 ;-4) 37 (-1;-4 ;-6) 39 (-1;-3		[0960] – 11.156-Rev A	WxH = 4090x2334
	4.12	Thermal transmittance				in function of the project witl under certification of BCCA: 10077/2.	
	4.13	Radiation properties	The	se properti	ies r	must be evaluated by the CE	E-label of the glass
	4.14	Air permeability	4		[0960] — 11.1056		FbxFh < 1540x2727
			Non-ess	ential char	racte	eristics	
	4.4.1	Reaction to fire	Anodize Painted Gasket	: A2		EC decision 96/603/EC ertificate EFR-21-001664A [0432] – 230006500-6	
	4.16	Operating forces	1		-	488] – LK-02344/09/9/part 1 ⁽⁴⁾ [0960] – 21.00400 rev A	FbxFh < 1101x2229 66 kg FbxFh < 2300x2700 300/400 kg
	4.17	Mechanical strength	4		[0960] – 18.00277.1 rev A		FbxFh < 1510x2633 171 kg
7	4.18	Ventilation				npd	
EN 14351-1	4.19	Bullet resistance (BP version)				npd	
ӹ	4.20	Explosion resistance				npd	
		Resistance to repeated	4 (50.0	000)		[0960] – 09.1125 (4)	FbxFh < 1428x2219 150 kg
	4.21	opening and closing	3 (20.0	000)		[0960] – 21.00400 rev A	FbxFh < 2300x2700 300/400 kg
	4.22	Behaviour between different climates				npd	
	4.23	Burglar resistance (AP version)	RC:	2		[1136] – CAR 14317 [1136] – GSFM-20-071	See report



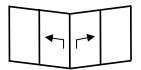
5.6 2-rail Lift Slide - 750 Pa



		Characteristic	Performance	Notified body - Report	Limits (mm)						
			Essential charac	cteristics							
	4.2	Resistance to wind load	C4 (1600 Pa) ⁽¹⁾	[0960] – 14.00882	FbxFh < 1426x2430 ⁽³⁾						
	4.5	Watertightness	E750 (750 Pa)	[0960] – 14.00882 FbxFh < 1426x2430							
	4.6	Dangerous substances	In the materials delive	red by Reynaers, no dangerous hEN 14351-1 are used.	substances as indicated in						
	4.7	Impact resistance	5	[0960] - SKG/HRU/cbo/10.0099-3	FbxFh > 821x1729						
351-1	4.8	Load-bearing capacity of safety devices	npd								
EN 14351-1	4.9	Height & width		See 6							
	4.11	Acoustic performance	npd								
	4.12	Thermal transmittance	Uw to be calculated in function of the project with actual dimensions. Uf-values are calculated under certification of BCCA: certificate BPCB-420 10077/2.								
	4.13	Radiation properties	These propert	ties must be evaluated by the CE	E-label of the glass						
	4.14	Air permeability	4	[0960] – 14.00882	FbxFh < 1426x2430						
			Non-essential characteristics								
	4.4.1	Reaction to fire	Anodized: A1 Painted: A2 Gaskets: E	EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6							
	4.16	Operating forces	1	[1488] – LK-02344/09/9/part 1 ⁽⁴⁾ [0960] – 21.00400 rev A	FbxFh < 1101x2229 66 kg FbxFh < 2300x2700 300/400 kg						
	4.17	Mechanical strength	4	[0960] – 18.00277.1 rev A	FbxFh < 1510x2633 171 kg						
7	4.18	Ventilation		npd							
EN 14351-1	4.19	Bullet resistance (BP version)		npd							
□	4.20	Explosion resistance		npd							
	4.21	Resistance to repeated opening and closing	4 (50.000) 3 (20.000)	[0960] – 09.1125 ⁽⁴⁾ [0960] – 21.00400 rev A	FbxFh < 1428x2219 150 kg FbxFh < 2300x2700 300/400 kg						
	4.22	Behaviour between different climates		npd							
	4.23	Burglar resistance (AP version)	RC 2	[1136] – CAR 14317	See report						



5.7 2-rail Lift Slide - Corner

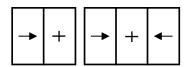


		Characteristic	Performance	Notified body - Report	Limits (mm)						
			Essential chara	cteristics							
	4.2	Resistance to wind load	B3 (1200 Pa) ⁽¹⁾ C3 (1200 Pa) ⁽¹⁾	[0960] – 12.1010 [0960] – 11.1136	FbxFh < 1623x2026 ⁽³⁾ FbxFh < 503x2020 ⁽³⁾						
	4.5	Watertightness	5A (200 Pa)	[0960] – 12.1010 FbxFh < 1623x2026 [0960] – 11.1136 FbxFh < 503x2020							
	4.6	Dangerous substances	In the materials delive	red by Reynaers, no dangerous hEN 14351-1 are used.	substances as indicated in						
	4.7	Impact resistance	5	[0960] - SKG/HRU/cbo/10.0099-3	FbxFh > 821x1729						
351-1	4.8	Load-bearing capacity of safety devices		npd							
EN 14351-1	4.9	Height & width	See 6								
	4.11	Acoustic performance		npd							
	4.12	Thermal transmittance	Uw to be calculated in function of the project with actual dimensions. Uf-values are calculated under certification of BCCA: certificate BPCB-420-7 10077/2.								
	4.13	Radiation properties	These proper	ties must be evaluated by the CE	E-label of the glass						
	4.14	Air permeability	4	[0960] — 12.1010 [0960] — 11.1136	FbxFh < 1623x2026 FbxFh < 503x2020						
			Non-essential cha	racteristics							
	4.4.1	Reaction to fire	Anodized: A1 Painted: A2 Gaskets: E	EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6							
			2	[1488] - LK-02344/09/9/part	FbxFh < 1101x2229						
	4.16	Operating forces	1	1 ⁽⁴⁾ [0960] – 21.00400 rev A	66 kg FbxFh < 2300x2700 300/400 kg						
	4.17	Mechanical strength	4	[0960] – 18.00277.1 rev A	FbxFh < 1510x2633 171 kg						
151-1	4.18	Ventilation		npd							
143	4.19	Bullet resistance (BP version)		npd							
EN	4.20	Explosion resistance	npd								
	4.21	Resistance to repeated opening and closing	4 (50.000) 3 (20.000)	[0960] - 09.1125 ⁽⁴⁾ [0960] - 21.00400 rev A	FbxFh < 1428x2219 150 kg FbxFh < 2300x2700 300/400 kg						
	4.22	Behaviour between different climates		npd							
	4.23	Burglar resistance (AP version)		npd							

 $N.B.: other \ corner \ angles \ can \ meet \ the \ same \ AWW \ performances \ as \ a \ 90^{\circ} \ corner \ (SKG/K0104/JDI/cro/13.1347)$



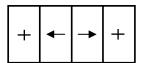
5.8 Monorail Slide – Inside glazing



		Characteristic	Perform	ance	N	otified body - Report	Limits (mm)	
			Essen	tial charact	teris	tics		
	4.2	Resistance to wind load	C3 (1200 C2 (800		[0	[0960] – 09.1025 960] – 22.01049 Rev.A	FbxFh < 1400x2600 ⁽³⁾ FbxFh < 1500x2380	
	4.5	Watertightness	7A (300	Pa)			FbxFh < 1400x2600 FbxFh < 1500x2380	
	4.6	Dangerous substances	In the mater	ials delivere	red by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.			
	4.7	Impact resistance	5		[0960] – SKG/HRU/cbo/10.0099-2		FbxFh > 739x1739	
Ę	4.8	Load-bearing capacity of safety devices						
EN 14351-1	4.9	Height & width				See 6		
EN			Glass:	Sliding door:				
	1 1 1	4.11 Acoustic performance	34 (-1;-4)	32 (-1;-3))	TC10_016E	WxH = 2700x2400	
	4.11		38 (-2;-6) 40 (-1;-3)	35 (-1;-3) 37 (-1;-3)		[1671] – A 2224-1-RA- 002	WxH = 2181x2437	
			41 (-2;-4)	37 (0;-2)		TC10_016F	WxH = 2700x2334	
	4.12	Thermal transmittance				n function of the project with nder certification of BCCA: 10077/2.		
	4.13	Radiation properties	These propert		es m	ust be evaluated by the CE	-label of the glass	
	4.14	Air permeability	4		[0960] – 09.1025 [0960] – 22.01049 Rev.A		FbxFh < 1400x2600 FbxFh < 1500x2380	
			Non-ess	ential chara	racteristics			
	4.4.1	Reaction to fire	Painted	Anodized: A1				
	4.16	Operating forces	1			[0960] – 11.1125	FbxFh < 1503x2616 297 kg	
	4.17	Mechanical strength				npd		
7	4.18	Ventilation				npd		
EN 14351-	4.19	Bullet resistance (BP version)				npd		
Ē	4.20	Explosion resistance				npd		
	4.21	Resistance to repeated opening and closing	3 (20.000)			[0960] – 11.1125	FbxFh < 1503x2616 297 kg	
	4.22	Behaviour between different climates				npd		
	4.23	Burglar resistance (AP version)	RC	2		[1136] – CAR 9253/3 1136] – GSFM-20-071	See report	



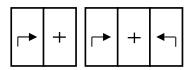
5.9 Monorail Slide – Inside glazing



		Characteristic	Perform	ance	N	otified body - Report	Limits (mm)	
			Essen	Essential characteristics				
	4.2	Resistance to wind load	C3 (1200	Pa) ⁽¹⁾		[0960] – 09.1025	FbxFh < 1400x2600 ⁽³⁾	
	4.5	Watertightness	7A (300) Pa)	[0960] – 09.1025		FbxFh < 1400x2600	
	4.6	Dangerous substances	In the mater	ials deliver	red by	red by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.		
	4.7	Impact resistance	5	5 [0960] – SKG/HRU/cbo/10.0099-2		FbxFh > 739x1739		
<u> </u>	4.8	Load-bearing capacity of safety devices				npd		
EN 14351-1	4.9	Height & width				See 6		
Ē			Glass:	Sliding d				
	4.11	Acoustic performance	34 (-1;-4)	32 (-1;		TC10_016E	WxH = 2700x2400	
	4.11	4.11 Acoustic performance	38 (-2;-6) 40 (-1;-3)	35 (-1; 37 (-1;	-3) -3)	[1671] – A 2224-1-RA- 002	WxH = 2181x2437	
			41 (-2;-4)	37 (0;-		TC10_016F	WxH = 2700x2334	
	4.12	Thermal transmittance			h actual dimensions. certificate BPCB-420-72-			
	4.13	Radiation properties	The	These propert		ust be evaluated by the CE	-label of the glass	
	4.14	Air permeability	4		[0960] – 09.1025		FbxFh < 1400x2600	
			Non-ess	ential cha	racteristics			
	4.4.1	Reaction to fire	Painted	Anodized: A1 Painted: A2 Gaskets: E		C decision 96/603/EC ificate EFR-21-001664A 0432] – 230006500-6		
	4.16	Operating forces	1			[0960] – 11.1125	FbxFh < 1503x2616 297 kg	
	4.17	Mechanical strength				npd		
7	4.18	Ventilation				npd		
EN 14351	4.19	Bullet resistance (BP version)				npd		
Ē	4.20	Explosion resistance				npd		
	4.21	Resistance to repeated opening and closing	3 (20.0	000)		[0960] – 11.1125	FbxFh < 1503x2616 297 kg	
	4.22	Behaviour between different climates				npd		
	4.23	Burglar resistance (AP version)	RC	2		1136] – CAR 9253/3 136] – GSFM-20-071	See report	



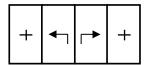
5.10 Monorail lift slide – Inside glazing



		Characteristic	Perform	ance	N	otified body - Report	Limits (mm)	
			Essen	tial charac	cteris	tics		
	4.2	Resistance to wind load	B3 (1200	Pa) ⁽¹⁾		[0960] – 11.1063	FbxFh < 1510x2616 ⁽³⁾	
	4.5	Watertightness	7A (300) Pa)	[0960] – 11.1063		FbxFh < 1510x2616	
	4.6	Dangerous substances	In the mater	ials deliver	red by	Reynaers, no dangerous hEN 14351-1 are used.	substances as indicated in	
	4.7	Impact resistance	5		[0960] – SKG/HRU/cbo/10.0099-3		FbxFh > 821x1729	
Σ	4.8	Load-bearing capacity of safety devices				npd	npd	
EN 14351-1	4.9	Height & width				See 6		
E	4.11	Acoustic performance	Glass: Sliding d 35 (-2;-6) 34 (-1;- 41 (-2;-4) 37 (-1;- 45 (-2;-6) 39 (-1;- 50 (-3;-8) 39 (-1;-		-4) -4) -3) -3)	[0960] – 11.156-Rev A	WxH = 4090x2334	
	4.12	Thermal transmittance				function of the project with oder certification of BCCA: 10077/2.		
	4.13	Radiation properties	The	These propert		ust be evaluated by the CE	E-label of the glass	
	4.14	Air permeability	4		[0960] – 11.1063		FbxFh < 1510x2616	
			Non-ess	ential chai	aracteristics			
	4.4.1	Reaction to fire	Anodize Painted Gasket	l: A2	cert	C decision 96/603/EC ificate EFR-21-001664A 0432] – 230006500-6		
	4.16	Operating forces	1			38] – LK-02344/09/9/part 1 ⁽⁴⁾ 960] – 21.00400 rev A	FbxFh < 1101x2229 66 kg FbxFh < 2300x2700 300/400 kg	
	4.17	Mechanical strength	4		[0960] – 18.00277.1 rev A		FbxFh < 1510x2633 171 kg	
Σ	4.18	Ventilation				npd		
EN 14351-1	4.19	Bullet resistance (BP version)				npd		
Ē	4.20	Explosion resistance				npd		
	4.21	Resistance to repeated opening and closing	4 (50.0 3 (20.0	,	[0	[0960] – 09.1125 ⁽⁴⁾ 960] – 21.00400 rev A	FbxFh < 1428x2219 150 kg FbxFh < 2300x2700 300/400 kg	
	4.22	Behaviour between different climates				npd		
	4.23	Burglar resistance (AP version)	RC	2		1136] – CAR 10257/3 136] – GSFM-20-071	See report	



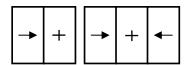
5.11 Monorail lift slide – Inside glazing



		Characteristic	Perform	ance	N	otified body - Report	Limits (mm)		
			Essen	tial charac	cterist	tics			
	4.2	Resistance to wind load	B3 (1200	Pa) ⁽¹⁾		[0960] – 11.1063	FbxFh < 1510x2616 ⁽³⁾		
	4.5	Watertightness	7A (300) Pa)		[0960] – 11.1063	FbxFh < 1510x2616		
	4.6	Dangerous substances	In the mater	ials deliver	red by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.				
	4.7	Impact resistance	5	5		[0960] - (G/HRU/cbo/10.0099-3	FbxFh > 821x1729		
7	4.8	Load-bearing capacity of safety devices				npd			
EN 14351-1	4.9	Height & width		See 6					
Ē	4.11	Acoustic performance	Glass: Sliding of 35 (-2;-6) 34 (-1; 41 (-2;-4) 37 (-1; 45 (-2;-6) 39 (-1; 50 (-3;-8) 39 (-1;		-4) -4) -3) -3)	[0960] – 11.156-Rev A	WxH = 4090x2334		
	4.12	Thermal transmittance	Uw to be calculated in function of the project with actual dimensions. Uf-values are calculated under certification of BCCA: certificate BPCB-42 10077/2.						
	4.13	Radiation properties	The	se propert	ies mı	ust be evaluated by the CE	-label of the glass		
	4.14	Air permeability	4		[0960] – 11.1063		FbxFh < 1513x2616		
			Non-ess	ential chai	racter	istics			
	4.4.1	Reaction to fire	Anodize Painted Gasket	l: A2	cert	C decision 96/603/EC ificate EFR-21-001664A 0432] – 230006500-6			
	4.16	Operating forces	1		-	88] – LK-02344/09/9/part 1 ⁽⁴⁾ 960] – 21.00400 rev A	FbxFh < 1101x2229 66 kg FbxFh < 2300x2700 300/400 kg		
	4.17	Mechanical strength	4		[09	960] – 18.00277.1 rev A	FbxFh < 1510x2633 171 kg		
Ξ	4.18	Ventilation	npd						
EN 14351-1	4.19	Bullet resistance (BP version)				npd			
ũ	4.20	Explosion resistance				npd			
		Resistance to repeated	4 (50.0	000)		[0960] – 09.1125 (4)	FbxFh < 1428x2219 150 kg		
	4.21	opening and closing	3 (20.0	000)	[0	960] – 21.00400 rev A	FbxFh < 2300x2700 300/400 kg		
	4.22	Behaviour between different climates				npd			
	4.23	Burglar resistance (AP version)	RC:	RC 2		RC 2		1136] – CAR 10257/3 136] – GSFM-20-071	See report



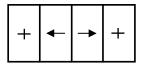
5.12 Monorail Slide – Outside glazing



		Characteristic	Performar	псе	Not	ified body - Report	Limits (mm)			
			Essentia	Essential characteristics						
	4.2	Resistance to wind load	C3 (1200 F		[0960] – 12.125 [0960] – 22.01049 Rev A		FbxFh < 1396x2583 FbxFh < 1500x2380			
	4.5	Watertightness	7A (300 F	Pa)		[0960] – 12.125 0] – 22.01049 Rev A	FbxFh < 1396x2583 FbxFh < 1500x2380			
	4.6	Dangerous substances	In the material	ls deliver	red by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.					
	4.7	Impact resistance	5		SKG	[0960] – /HRU/cbo/10.0099-2	FbxFh > 739x1739			
<u> </u>	4.8	Load-bearing capacity of safety devices								
EN 14351-1	4.9	Height & width				See 6				
Ē			Glass:	Sliding		T0.40 - 1	N/ 11 - 0=========			
	4.11 Acoustic performance	Acquetic performance	34 (-1;-4)	32 (-1 35 (-1		TC10_016E [1671] – A 2224-1-	WxH = 2700x2400			
		38 (-2;-6) 40 (-1;-3)	35 (- 37 (-		RA-002	WxH = 2181x2437				
			41 (-2;-4)	37 (0);-2)	TC10_016F	WxH = 2700x2334			
	4.12	Thermal transmittance		Uw to be calculated in function of the project with actual dimensions. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72- 10077/2.						
	4.13	Radiation properties	These properties must be evaluated by the CE-label of the glass							
	4.14	Air permeability	4			[0960] – 12.125 0] – 22.01049 Rev A	FbxFh < 1396x2583 FbxFh < 1500x2380			
			Non-essen	tial char	acteris	tics				
	4.4.1	Reaction to fire	Anodized: Painted: A Gaskets:	42	certific	decision 96/603/EC cate EFR-21-001664A 32] – 230006500-6				
	4.16	Operating forces	1		[0960] – 11.1125		FbxFh < 1503x2616 297 kg			
	4.17	Mechanical strength				npd				
7	4.18	Ventilation		npd						
EN 14351	4.19	Bullet resistance (BP version)				npd				
Ē	4.20	Explosion resistance				npd				
	4.21	Resistance to repeated opening and closing	3 (20.000	0)		[0960] – 11.1125	FbxFh < 1503x2616 297 kg			
	4.22	Behaviour between different climates	npd							
	4.23	Burglar resistance (AP version)	RC 2		[1136	6] – GSFM-23-051-01	See report			



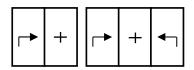
5.13 Monorail Slide – Outside glazing



		Characteristic	Performar	nce	Not	ified body - Report	Limits (mm)			
			Essentia	Essential characteristics						
	4.2	Resistance to wind load	C3 (1200 P	a) ⁽¹⁾	[0960] – 09.1025		FbxFh < 1400x2600 ⁽³⁾			
	4.5	Watertightness	7A (300 F	a)	I	0960] – 09.1025	FbxFh < 1400x2600			
	4.6	Dangerous substances	In the material	ls deliver	red by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.					
	4.7	Impact resistance	5		[0960] – SKG/HRU/cbo/10.0099-2		FbxFh > 739x1739			
<u> </u>	4.8	Load-bearing capacity of safety devices		·						
EN 14351-1	4.9	Height & width				See 6				
Ē			Glass:	Sliding						
	4.11 Acoustic performance	Acquetic performance	34 (-1;-4)		l;-3)	TC10_016E	WxH = 2700x2400			
		38 (-2;-6) 40 (-1;-3)	35 (-1 37 (-1		[1671] – A 2224-1- RA-002	WxH = 2181x2437				
			41 (-2;-4)	37 (0	;-2)	TC10_016F	WxH = 2700x2334			
	4.12	Thermal transmittance	Uw to b Uf-values are	Uw to be calculated in function of the project with actual dimensions. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72- 10077/2.						
	4.13	Radiation properties	These	These properties must be evaluated by the CE-label of the glass						
	4.14	Air permeability	4		[0960] – 09.1025		FbxFh < 1400x2600			
			Non-essen	tial char	acteris	tics				
	4.4.1	Reaction to fire	Anodized: Painted: A Gaskets:	A2	certific	decision 96/603/EC cate EFR-21-001664A 32] – 230006500-6				
	4.16	Operating forces	1		[0960] – 11.1125		FbxFh < 1503x2616 297 kg			
	4.17	Mechanical strength				npd				
7	4.18	Ventilation				npd				
EN 14351-1	4.19	Bullet resistance (BP version)				npd				
Ü	4.20	Explosion resistance				npd				
	4.21	Resistance to repeated opening and closing	3 (20.000	0)	[0960] – 11.1125	FbxFh < 1503x2616 297 kg			
	4.22	Behaviour between different climates				npd				
	4.23	Burglar resistance (AP version)	RC 2		[1136	6] – GSFM-23-051-01	See report			



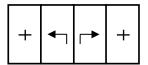
5.14 Monorail lift slide – Outside glazing



		Characteristic	Perform	ance	N	otified body - Report	Limits (mm)	
			Essent	ial charac	tics			
	4.2	Resistance to wind load	B3 (1200	Pa) ⁽¹⁾		[0960] – 11.1063	FbxFh < 1510x2616 ⁽³⁾	
	4.5	Watertightness	7A (300	Pa)		[0960] – 11.1063	FbxFh < 1510x2616	
	4.6	Dangerous substances	In the mater	ials delive	red by	Reynaers, no dangerous hEN 14351-1 are used.	substances as indicated in	
	4.7	Impact resistance	5	5		[0960] – (G/HRU/cbo/10.0099-3	FbxFh > 821x1729	
<u> </u>	4.8	Load-bearing capacity of safety devices				npd		
EN 14351-1	4.9	Height & width				See 6		
	4.11	Acoustic performance	Glass: Sliding of 35 (-2;-6) 34 (-1; 41 (-2;-4) 37 (-1; 45 (-2;-6) 39 (-1; 50 (-3;-8) 39 (-1;		-4) -4) -3)	[0960] – 11.156-Rev A	WxH = 4090x2334	
	4.12	Thermal transmittance			ated in function of the project with actual dimensions. ted under certification of BCCA: certificate BPCB-420-72- 10077/2.			
	4.13	Radiation properties	The	se propert	ies m	ust be evaluated by the CE	-label of the glass	
	4.14	Air permeability	4			[0960] – 11.1063	FbxFh < 1510x2616	
			Non-esse	ential cha	racter	istics		
	4.4.1	Reaction to fire	Anodized Painted Gasket	: A2	cert	C decision 96/603/EC ificate EFR-21-001664A 0432] – 230006500-6		
	4.16	Operating forces	1		[1488] – LK-02344/09/9/part 1 (4) [0960] – 21.00400 rev A		FbxFh < 1101x2229 66 kg FbxFh < 2300x2700 300/400 kg	
	4.17	Mechanical strength						
<u> </u>	4.18	Ventilation			npd			
EN 14351-1	4.19	Bullet resistance (BP version)				npd		
Ш	4.20	Explosion resistance				npd		
	4.21	Resistance to repeated opening and closing	4 (50.000) 3 (20.000)		[0960] – 09.1125 ⁽⁴⁾ [0960] – 21.00400 rev A		FbxFh < 1428x2219 150 kg FbxFh < 2300x2700 300/400 kg	
	4.22	Behaviour between different climates						
	4.23	Burglar resistance (AP version)	RC 2	2	[11	36] – GSFM-23-051-01	See report	



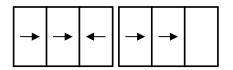
5.15 Monorail lift slide – Outside glazing



		Characteristic	Performance	е	Notified body - Report	Limits (mm)		
			Essential characteristics					
	4.2	Resistance to wind load	B3 (1200 Pa)	(1)	[0960] – 11.1063	FbxFh < 1510x2616 ⁽³⁾		
	4.5	Watertightness	7A (300 Pa)		[0960] – 11.1063	FbxFh < 1510x2616		
	4.6	Dangerous substances	In the materials of	delivere	d by Reynaers, no danger hEN 14351-1 are use	ous substances as indicated in d.		
	4.7	Impact resistance	5		[0960] - SKG/HRU/cbo/10.0099-3	FbxFh > 821x1729		
7	4.8	Load-bearing capacity of safety devices						
EN 14351-1	4.9	Height & width		See 6				
Ш	4.11	Acoustic performance	Glass: Sliding of 35 (-2;-6) 34 (-1; 41 (-2;-4) 37 (-1; 45 (-2;-6) 39 (-1; 50 (-3;-8) 39 (-1;) [0960] – 11.156-Rev	A WxH = 4090x2334		
	4.12	Thermal transmittance	Uw to be calculated in function of the project with actual dimensions. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72- 10077/2.					
	4.13	Radiation properties	These p	ropertie	s must be evaluated by the	e CE-label of the glass		
	4.14	Air permeability	4		[0960] – 11.1063	FbxFh < 1513x2616		
			Non-essentia	I chara				
	4.4.1	Reaction to fire	Anodized: A1 Painted: A2 Gaskets: E		EC decision 96/603/EC certificate EFR-21-001664 [0432] – 230006500-6	A		
	4.16	Operating forces	1	[4	[1488] – LK- 02344/09/9/part 1 ⁽⁴⁾ 0960] – 21.00400 rev A	FbxFh < 1101x2229 66 kg FbxFh < 2300x2700 300/400 kg		
	4.17	Mechanical strength			4			
7	4.18	Ventilation	npd					
EN 14351-1	4.19	Bullet resistance (BP version)			npd			
Ш	4.20	Explosion resistance			npd			
	4.21	Resistance to repeated opening and closing	4 (50.000) 3 (20.000)	[1	[0960] – 09.1125 ⁽⁴⁾ 0960] – 21.00400 rev A	FbxFh < 1428x2219 150 kg FbxFh < 2300x2700 300/400 kg		
	4.22	Behaviour between different climates			npd			
	4.23	Burglar resistance (AP version)	RC 2	[1	136] – GSFM-23-051-01	See report		



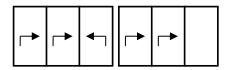
5.16 3-rail Slide



		Characteristic	Perform	ance	I	Notified body - Report	Limits (mm)				
			Essen	Essential characteristics							
	4.2	Resistance to wind load	C3 (1200	Pa) ⁽¹⁾		[0960] – 14.00129	FbxFh < 1500x2616 ⁽³⁾				
	4.5	Watertightness	8A (450	Pa)		[0960] – 14.00129	FbxFh < 1500x2616				
	4.6	Dangerous substances	In the mater	ials deliver	red by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.						
	4.7	Impact resistance	5		93	[0960] – SKG/HRU/cbo/10.0099-2	FbxFh > 739x1739				
-	4.8	Load-bearing capacity of safety devices									
EN 14351-1	4.9	Height & width				See 6					
EN I			Glass:	Sliding door:							
	4.11 Acc	A	34 (-1;-4)	32 (-1;-3	3)	TC10_016E	WxH = 2700x2400				
		Acoustic performance	38 (-2;-6) 40 (-1;-3)	35 (-1;-3 37 (-1;-3		[1671] – A 2224-1-RA- 002	WxH = 2181x2437				
			41 (-2;-4)	37 (0;-2		TC10_016F	WxH = 2700x2334				
	4.12	Thermal transmittance	Uw to Uf-values a	Uw to be calculated in function of the project with actual dimensions. Uf-values are calculated under certification of BCCA: certificate BPCB-420 10077/2.							
	4.13	Radiation properties	The	se properti	ies n	nust be evaluated by the CE	-label of the glass				
	4.14	Air permeability	4			[0960] – 14.00129	FbxFh < 1500x2616				
			Non-ess	ential char	racte	eristics					
	4.4.1	Reaction to fire	Anodize Painted Gasket	: A2		EC decision 96/603/EC rtificate EFR-21-001664A [0432] – 230006500-6					
	4.16	Operating forces	1			[0960] – 11.1125	FbxFh < 1503x2616 297 kg				
	4.17	Mechanical strength				npd					
7	4.18	Ventilation				npd					
EN 14351-1	4.19	Bullet resistance (BP version)				npd					
Ē	4.20	Explosion resistance	npd								
	4.21	Resistance to repeated opening and closing	3 (20.0	000)		[0960] – 11.1125	FbxFh < 1503x2616 297 kg				
	4.22	Behaviour between different climates			npd						
	4.23	Burglar resistance (AP version)	RC	RC 2		[1136] – CAR 9253/3 [1136] – GSFM-20-071	See report				



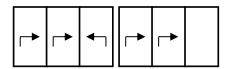
5.17 3-rail Lift Slide



		Characteristic	Perform	ance	N	otified body - Report	Limits (mm)		
			Essen	Essential characteristics					
	4.2	Resistance to wind load	B3 (1200	Pa) ⁽¹⁾		[0960] – 16.00851	FbxFh < 1514x2632 ⁽³⁾		
	4.5	Watertightness	7A (300) Pa)		[0960] – 16.00851	FbxFh < 1514x2632		
	4.6	Dangerous substances	In the mater	In the materials delive		Reynaers, no dangerous hEN 14351-1 are used.	substances as indicated in		
	4.7	Impact resistance	5	5		[0960] – (G/HRU/cbo/10.0099-3	FbxFh > 821x1729		
7	4.8	Load-bearing capacity of safety devices				npd			
EN 14351-1	4.9	Height & width				See 6			
E	4.11	Acoustic performance	Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8)	(-2;-6) 34 (-1; (-2;-4) 37 (-1; (-2;-6) 39 (-1;		[0960] – 11.156-Rev A	WxH = 4090x2334		
	4.12	Thermal transmittance	Uw to be calculated in function of the project with actual dimensions Uf-values are calculated under certification of BCCA: certificate BPCB-4: 10077/2.						
	4.13	Radiation properties	These properties			ust be evaluated by the CE	E-label of the glass		
	4.14	Air permeability	4			[0960] – 16.00851	FbxFh < 1514x2632		
			Non-ess	ential cha	racter	istics			
	4.4.1	Reaction to fire	Anodize Painted Gasket	l: A2	cert	C decision 96/603/EC ificate EFR-21-001664A 0432] – 230006500-6			
	4.16	Operating forces	1		[148	88] – LK-02344/09/9/part 1 ⁽⁴⁾ 960] – 21.00400 rev A	FbxFh < 1101x2229 66 kg FbxFh < 2300x2700 300/400 kg		
	4.17	Mechanical strength	4		[09	60] – 18.00277.1 rev A	FbxFh < 1510x2633 171 kg		
7	4.18	Ventilation	npd						
EN 14351-1	4.19	Bullet resistance (BP version)				npd			
Ē	4.20	Explosion resistance				npd			
		Pagistance to repeated	4 (50.0	000)		[0960] - 09.1125 (4)	FbxFh < 1428x2219		
	4.21	Resistance to repeated opening and closing	3 (20.0	000)	[0	960] – 21.00400 rev A	150 kg FbxFh < 2300x2700 300/400 kg		
	4.22	Behaviour between different climates			npd				
	4.23	Burglar resistance (AP version)	RC	RC 2		1136] – CAR 10257/3	See report		



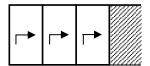
5.18 3-rail Lift Slide – Zero Threshold



		Characteristic	Perform	ance	N	otified body - Report	Limits (mm)		
			Essen	Essential characteristics					
	4.2	Resistance to wind load	C1 (400	Pa) ⁽¹⁾		[0960] – 14.00701	FbxFh < 1202x3000 ⁽³⁾		
	4.5	Watertightness	2A (50	Pa)		[0960] – 14.00701	FbxFh < 1202x3000		
	4.6	Dangerous substances	In the mater	rials deliver	ed by	Reynaers, no dangerous hEN 14351-1 are used.	substances as indicated in		
	4.7	Impact resistance	pearing capacity of		SK	[0960] – (G/HRU/cbo/10.0099-3	FbxFh > 821x1729		
Ξ	4.8	Load-bearing capacity of safety devices				npd			
EN 14351-1	4.9	Height & width				See 6			
E	4.11	Acoustic performance	Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8)	Sliding do 34 (-1;- 37 (-1;- 39 (-1;- 39 (-1;-	4) 4) 3)	[0960] – 11.156-Rev A	WxH = 4090x2334		
	4.12	Thermal transmittance	Uw to be calculated in function of the project with actual dimensions. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72. 10077/2.						
	4.13	Radiation properties	The	ese properti	es mı	ust be evaluated by the CE	E-label of the glass		
	4.14	Air permeability	2		[0960] – 14.00701		FbxFh < 1202x3000		
			Non-ess	ential char	acter	istics			
	4.4.1	Reaction to fire	Anodize Painted Gasket	l: A2	cert	C decision 96/603/EC ificate EFR-21-001664A 0432] – 230006500-6			
	4.16	Operating forces	1		-	88] – LK-02344/09/9/part 1 ⁽⁴⁾ 960] – 21.00400 rev A	FbxFh < 1101x2229 66 kg FbxFh < 2300x2700 300/400 kg		
	4.17	Mechanical strength	4		[0960] – 18.00277.1 rev A		FbxFh < 1510x2633 171 kg		
<u>-</u>	4.18	Ventilation	npd						
EN 14351-1	4.19	Bullet resistance (BP version)				npd			
Ü	4.20	Explosion resistance		npd					
		Desistance to secreted	4 (50.0	000)		[0960] - 09.1125 (4)	FbxFh < 1428x2219		
	4.21	Resistance to repeated opening and closing	3 (20.0	000)	[0	960] – 21.00400 rev A	150 kg FbxFh < 2300x2700 300/400 kg		
	4.22	Behaviour between different climates				npd			
	4.23	Burglar resistance (AP version)	npd						



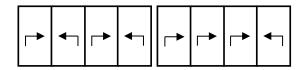
5.19 3-rail Lift Slide - Pocket



		Characteristic	Performance		Notified body - Report		Limits (mm)		
			Essen	tial charac	teris	tics			
	4.2	Resistance to wind load	C2 (800	Pa) ⁽¹⁾		[0960] – 14.00699	FbxFh < 923x2497 ⁽³⁾		
	4.5	Watertightness	4A (150) Pa)		[0960] – 14.00699	FbxFh < 923x2497		
	4.6	Dangerous substances	In the mater	In the materials delivere		e materials delivered by Reynaers, no dangerous substances as ind hEN 14351-1 are used.			
	4.7	Impact resistance	5		[0960] – SKG/HRU/cbo/10.0099-3		FbxFh > 821x1729		
Σ	4.8	Load-bearing capacity of safety devices				npd			
EN 14351-1	4.9	Height & width				See 6			
Ī	4.11	Acoustic performance	Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8)	Sliding do 34 (-1;- 37 (-1;- 39 (-1;- 39 (-1;-	·4) ·4) ·3)	[0960] – 11.156-Rev A	WxH = 4090x2334		
	4.12	Thermal transmittance	Uw to be calculated in function of the project with actual dimensions. Uf-values are calculated under certification of BCCA: certificate BPCB-420-7 10077/2.						
	4.13	Radiation properties	The	ese properti	es m	ust be evaluated by the CE	-label of the glass		
	4.14	Air permeability	3		[0960] – 14.00699		FbxFh < 923x2497		
			Non-ess	ential char	acter	istics			
	4.4.1	Reaction to fire	Anodize Painted Gasket	l: A2	EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6				
	4.16	Operating forces	1		[1488] – LK-02344/09/9/part 1 (4) [0960] – 21.00400 rev A		FbxFh < 1101x2229 66 kg FbxFh < 2300x2700 300/400 kg		
	4.17	Mechanical strength	4		[09	960] – 18.00277.1 rev A	FbxFh < 1510x2633 171 kg		
7	4.18	Ventilation				npd			
EN 14351-′	4.19	Bullet resistance (BP version)				npd			
ā	4.20	Explosion resistance	npd						
		Desistance to see a start	4 (50.0	000)	[0960] – 09.1125 (4)		FbxFh < 1428x2219		
	4.21	opening and closing	Resistance to repeated opening and closing 3 (20.000)		[0	960] – 21.00400 rev A	150 kg FbxFh < 2300x2700 300/400 kg		
	4.22	Behaviour between different climates				npd			
	4.23	Burglar resistance (AP version)	npd						



5.20 4-rail Lift Slide

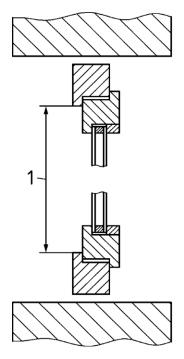


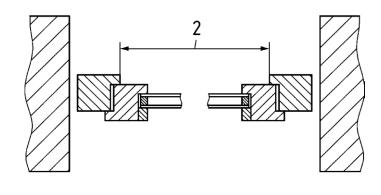
	Characteristic		Performance		Notified body - Report	Limits (mm)			
			Essent	Essential characteristics					
	4.2	Resistance to wind load	B2 (800	Pa) ⁽¹⁾	[0960] – 14.00700	FbxFh < 1208x3000 ⁽³⁾			
	4.5	Watertightness	4A (150	Pa)	[0960] – 14.00700	FbxFh < 1208x3000			
	4.6	Dangerous substances	In the mater	ials delivered	d by Reynaers, no dangerou hEN 14351-1 are used	us substances as indicated in			
	4.7	Impact resistance	5		[0960] - SKG/HRU/cbo/10.0099-3	FbxFh > 821x1729			
<u> </u>	4.8	Load-bearing capacity of safety devices		,	•				
EN 14351-1	4.9	Height & width							
	4.11	Acoustic performance	Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8)	Sliding dod 34 (-1;-4 37 (-1;-4 39 (-1;-3 39 (-1;-3) [0960] – 11.156-Rev /	WxH = 4090x2334			
	4.12	Thermal transmittance	Uw to be calculated in function of the project with actual dimensions. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72- 10077/2.						
	4.13	Radiation properties	The	se propertie	s must be evaluated by the	CE-label of the glass			
	4.14	Air permeability	3		[0960] – 14.00700	FbxFh < 1208x3000			
			Non-esse	ential chara	cteristics				
	4.4.1	Reaction to fire	Anodize Painted Gasket	: A2	EC decision 96/603/EC certificate EFR-21-001664/ [0432] – 230006500-6				
	4.16	Operating forces	2		[1488] – LK-02344/09/9/par 1 ⁽⁴⁾	66 kg			
	4.10	Operating forces	1		[0960] – 21.00400 rev A	FbxFh < 2300x2700 300/400 kg			
	4.17	Mechanical strength	4		[0960] – 18.00277.1 rev A	FbxFh < 1510x2633 171 kg			
<u> </u>	4.18	Ventilation	npd						
EN 14351-1	4.19	Bullet resistance (BP version)			npd				
	4.20	Explosion resistance	npd						
		Resistance to repeated	4 (50.0	000)	[0960] - 09.1125 (4)	FbxFh < 1428x2219 150 kg			
	4.21	opening and closing	3 (20.0	000)	[0960] – 21.00400 rev A	FbxFh < 2300x2700 300/400 kg			
	4.22	Behaviour between different climates			npd	npd			
	4.23	Burglar resistance (AP version)	npd						



6 RULE FOR DEFINITION OF CLEAR OPENING HEIGHT AND WIDTH

The clear opening height 1 and clear opening width 2 are defined as indicated in following sketches of EN 12519:2018.







UPDATES

	VARIANTS	Characteristic
Outside glazing	5.12 – 5.15	
22.01049 Rev.A	5.8 + 5.12	4.2 – 4.5 – 4.14
12.125	5.12	4.2 – 4.5 – 4.14
GSFM-23-051-01	5.12 – 5.15	4.23
22.00797	5.3	4.2 – 4.5 – 4.14

28/11/2022

	VARIANTS	Characteristic
22.01049	5.3 – 5.4	4.2 + 4.5

30/6/2022

	VARIANTS	Characteristic
EFR-21-001664A	5.1 ~ 5.16	4.4.1
230006500-6	5.1 ~ 5.16	4.4.1
GSFM-20-071	5.1~5.6 + 5.11~5.13	4.23
21.00400 rev A	5.6 ~ 5.16	4.16 + 4.21
18.00277.1 rev A	5.6	4.17