

CP 130 (-LS)

PRODUCT PASS

Date: **01-08-2023**

Language: **English**

VITRUM
WINDOWS & DOORS



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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.

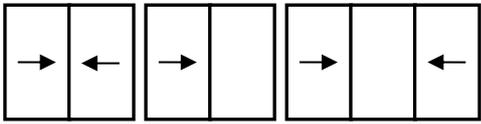
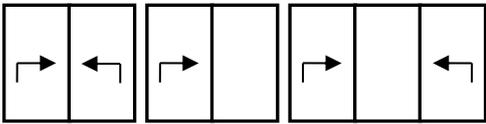
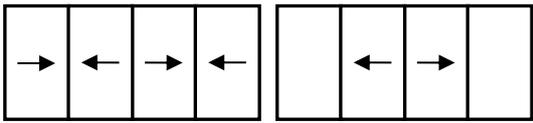
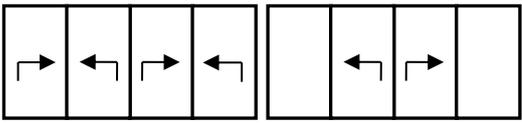
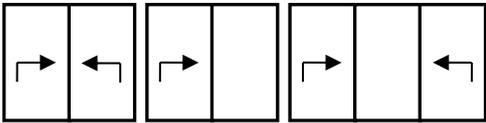
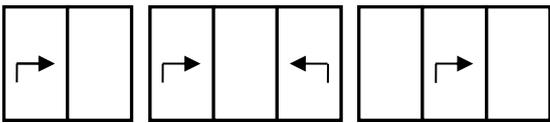
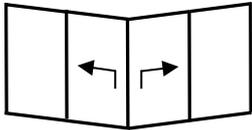
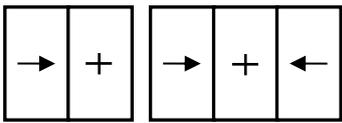
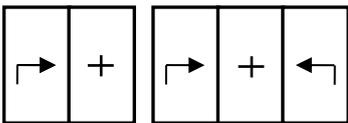
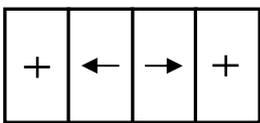
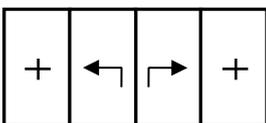
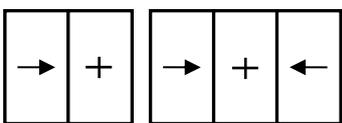
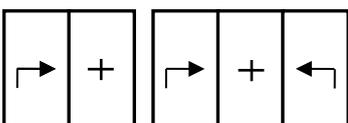
In the second part of the table the non-essential characteristics are indicated. These are the characteristics which give information about the performance of a product, but which are not legally required in any European country and thus not mandatory to declare.

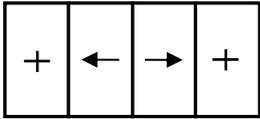
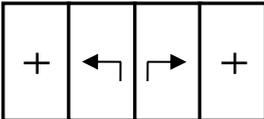
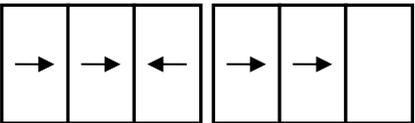
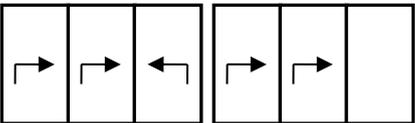
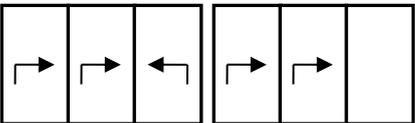
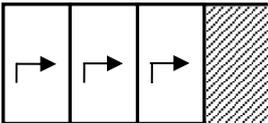
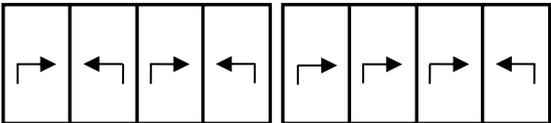
2 NOTIFIED BODIES

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	EFFECTIS 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

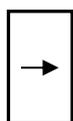
Different variants have been grouped based on similar design and following the guidelines of the harmonised standard

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 – Inside glazing			
5.8		5.10	
5.9		5.11	
Monorail – Outside glazing			
5.12		5.14	

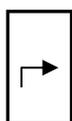
Slide		Lift Slide	
5.13		5.15	
3-rail			
5.16		5.17	
		5.18	Zero Threshold 
		5.19	Pocket 
4-rail			
		5.20	

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



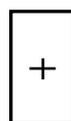
Sliding vent



Lift sliding vent



Fixed vent



Fixed pane monorail



Pocket

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

⁽²⁾ With "hidden drainage" solution

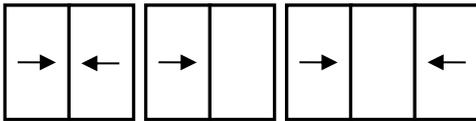
⁽³⁾ Standard glazing beads: P < 2000 Pa, WxH < 1400x2400; P < 1200 Pa, WxH < 3200x3200.

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

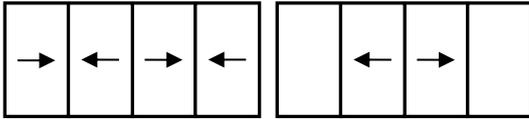
⁽⁴⁾ Report for CP 96 and/or CP 96-LS can be used because of identical or equivalent accessories

5 PERFORMANCE

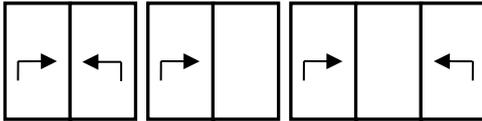
5.1 2-rail Slide



Characteristic		Performance		Notified body - Report	Limits (mm)	
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa) ⁽¹⁾ C3 (1200 Pa) ⁽¹⁾	[0960] - 15.00230 [0960] - 10.1044	FbxFh < 1611x2433 ⁽³⁾ FbxFh < 1400x2600 ⁽³⁾	
	4.5	Watertightness	6A (250 Pa) 8A (450 Pa)	[0960] - 15.00230 ⁽²⁾ [0960] - 10.1044	FbxFh < 1611x2433 FbxFh < 1400x2600	
	4.6	Dangerous substances	In the materials delivered 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			
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass:	Sliding door:		
			34 (-1;-4)	32 (-1;-3)	TC10_016E	WxH = 2700x2400
			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 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 3	[0960] - 15.00230 [0960] - 10.1044	FbxFh < 1611x2433 FbxFh < 1400x2600		
Non-essential characteristics						
EN 14351-1	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	[0960] – 11.1125	FbxFh < 1503x2616 297 kg	
	4.17	Mechanical strength	npd			
	4.18	Ventilation	npd			
	4.19	Bullet resistance (BP version)	npd			
	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	

5.2 2-rail Slide


Characteristic		Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	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 materials delivered 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		
	4.9	Height & width	See 6		
	4.11	Acoustic performance	Glass:	Sliding door:	
			34 (-1;-4)	32 (-1;-3)	TC10_016E WxH = 2700x2400
			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 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	3	[0960] – SKG/HRU/cbo/10.0817A FbxFh < 1400x2600		
Non-essential characteristics					
EN 14351-1	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	[0960] – 11.1125 FbxFh < 1503x2616 297 kg	
	4.17	Mechanical strength	npd		
	4.18	Ventilation	npd		
	4.19	Bullet resistance (BP version)	npd		
	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

5.3 2-rail Lift Slide


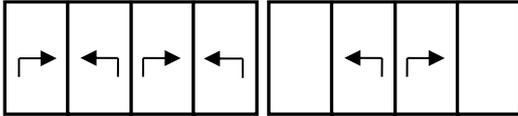
Characteristic		Performance		Notified body - Report	Limits (mm)	
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa) ⁽¹⁾ B5 (2000 Pa) ⁽¹⁾	[0960] – 22.00797 [0960] – 20.00072 *	FbxFh < 1510x2633 ⁽³⁾ FbxFh < 1486x2633 ⁽³⁾	
	4.5	Watertightness	9A (600 Pa) 7A (300 Pa)	[0960] – 22.00797 [0960] – 20.00072 *	FbxFh < 1510x2633 FbxFh < 1486x2633	
	4.6	Dangerous substances	In the materials delivered 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			
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 52 (-1;-5)	Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 40 (-1;-3)	[0960] – 11.156-Rev A [0960] – 11.156-Rev A [1671] – A 3378-1E-RA-002 [1671] – A 3378-1E-RA-002	WxH = 4090x2334 WxH = 4090x2334 WxH = 4050x2350 WxH = 4050x2350
	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] – 22.00797 [0960] – 20.00072 *	FbxFh < 1510x2633 FbxFh < 1486x2633	
Non-essential characteristics						
EN 14351-1	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	2 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	
	4.18	Ventilation	npd			
	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 10257/3 [1136] – GSFM-20-071	See report	

* Slim Chicane

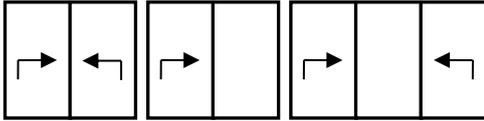
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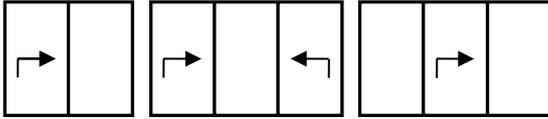
5.4 2-rail Lift Slide



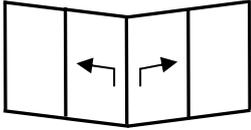
Characteristic		Performance		Notified body - Report	Limits (mm)	
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	B3 (1200 Pa) ⁽¹⁾	[0960] – 16.00974	FbxFh < 1510x2633 ⁽³⁾	
	4.5	Watertightness	8A (450 Pa)	[0960] – 16.00974	FbxFh < 1510x2633	
	4.6	Dangerous substances	In the materials delivered 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			
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8)	Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-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	These properties must be evaluated by the CE-label of the glass			
	4.14	Air permeability	4	[0960] – 16.00974	FbxFh < 1510x2633	
Non-essential characteristics						
EN 14351-1	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	2 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	
	4.18	Ventilation	npd			
	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 10257/3 [1136] – GSFM-20-071	See report	

5.5 2-rail Lift Slide – Flat bottom


Characteristic		Performance		Notified body - Report	Limits (mm)	
Essential characteristics						
EN 14351-1	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 materials delivered 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			
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8)	Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-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	These properties must be evaluated by the CE-label of the glass			
	4.14	Air permeability	4	[0960] – 11.1056	FbxFh < 1540x2727	
Non-essential characteristics						
EN 14351-1	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	2	[1488] – LK-02344/09/9/part 1 ⁽⁴⁾	FbxFh < 1101x2229 66 kg	FbxFh < 2300x2700 300/400 kg
	4.17	Mechanical strength	4	[0960] – 18.00277.1 rev A	FbxFh < 1510x2633 171 kg	
	4.18	Ventilation	npd			
	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 [1136] – GSFM-20-071	See report	

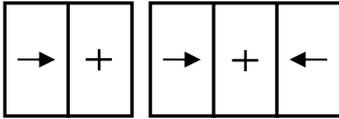
5.6 2-rail Lift Slide – 750 Pa


Characteristic		Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	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 delivered 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		
	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-420-72-10077/2.		
	4.13	Radiation properties	These properties must be evaluated by the CE-label of the glass		
	4.14	Air permeability	4	[0960] – 14.00882	FbxFh < 1426x2430
Non-essential characteristics					
EN 14351-1	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	2 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
	4.18	Ventilation	npd		
	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

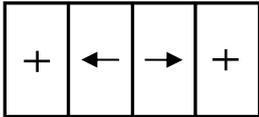
5.7 2-rail Lift Slide – Corner


Characteristic		Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	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 [0960] – 11.1136	FbxFh < 1623x2026 FbxFh < 503x2020
	4.6	Dangerous substances	In the materials delivered 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		
	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-420-72-10077/2.		
	4.13	Radiation properties	These properties must be evaluated by the CE-label of the glass		
	4.14	Air permeability	4	[0960] – 12.1010 [0960] – 11.1136	FbxFh < 1623x2026 FbxFh < 503x2020
Non-essential characteristics					
EN 14351-1	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	2 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
	4.18	Ventilation	npd		
	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)	npd		

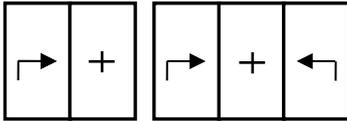
N.B.: other corner angles can meet the same AWW performances as a 90° corner (SKG/K0104/JDI/cro/13.1347)

5.8 Monorail Slide – Inside glazing


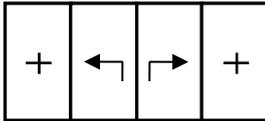
Characteristic		Performance	Notified body - Report	Limits (mm)		
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C3 (1200 Pa) ⁽¹⁾ C2 (800 Pa) ⁽¹⁾	[0960] – 09.1025 [0960] – 22.01049 Rev.A	FbxFh < 1400x2600 ⁽³⁾ FbxFh < 1500x2380 ⁽³⁾	
	4.5	Watertightness	7A (300 Pa)	[0960] – 09.1025 [0960] – 22.01049 Rev.A	FbxFh < 1400x2600 FbxFh < 1500x2380	
	4.6	Dangerous substances	In the materials delivered 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			
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass:	Sliding door:		
			34 (-1;-4)	32 (-1;-3)	TC10_016E	WxH = 2700x2400
			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 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] – 09.1025 [0960] – 22.01049 Rev.A	FbxFh < 1400x2600 FbxFh < 1500x2380		
Non-essential characteristics						
EN 14351-1	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	[0960] – 11.1125	FbxFh < 1503x2616 297 kg	
	4.17	Mechanical strength	npd			
	4.18	Ventilation	npd			
	4.19	Bullet resistance (BP version)	npd			
	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		Performance	Notified body - Report	Limits (mm)		
Essential characteristics						
EN 14351-1	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 materials delivered 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			
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass:	Sliding door:		
			34 (-1;-4)	32 (-1;-3)	TC10_016E	WxH = 2700x2400
			38 (-2;-6)	35 (-1;-3)	[1671] – A 2224-1-RA-002	WxH = 2181x2437
			40 (-1;-3)	37 (-1;-3)	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] – 09.1025	FbxFh < 1400x2600		
Non-essential characteristics						
EN 14351-1	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	[0960] – 11.1125	FbxFh < 1503x2616 297 kg	
	4.17	Mechanical strength	npd			
	4.18	Ventilation	npd			
	4.19	Bullet resistance (BP version)	npd			
	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	

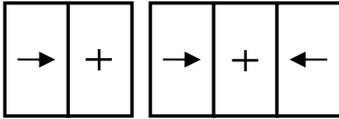
5.10 Monorail lift slide – Inside glazing


Characteristic		Performance		Notified body - Report	Limits (mm)	
Essential characteristics						
EN 14351-1	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 delivered 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			
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8)	Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-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	These properties must be evaluated by the CE-label of the glass			
	4.14	Air permeability	4	[0960] – 11.1063	FbxFh < 1510x2616	
Non-essential characteristics						
EN 14351-1	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	2 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	
	4.18	Ventilation	npd			
	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 10257/3 [1136] – GSFM-20-071	See report	

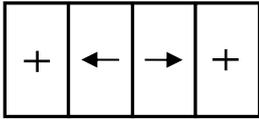
5.11 Monorail lift slide – Inside glazing


Characteristic		Performance		Notified body - Report	Limits (mm)	
Essential characteristics						
EN 14351-1	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 delivered 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			
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8)	Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-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	These properties must be evaluated by the CE-label of the glass			
	4.14	Air permeability	4	[0960] – 11.1063	FbxFh < 1513x2616	
Non-essential characteristics						
EN 14351-1	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	2	[1488] – LK-02344/09/9/part 1 ⁽⁴⁾	FbxFh < 1101x2229 66 kg	
	4.17	Mechanical strength	1	[0960] – 21.00400 rev A	FbxFh < 2300x2700 300/400 kg	
	4.18	Ventilation	4	[0960] – 18.00277.1 rev A	FbxFh < 1510x2633 171 kg	
	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 10257/3 [1136] – GSFM-20-071	See report	

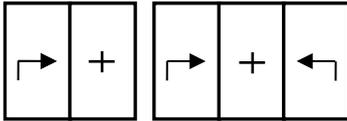
5.12 Monorail Slide – Outside glazing



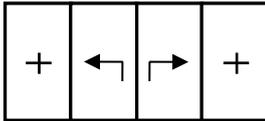
Characteristic		Performance	Notified body - Report	Limits (mm)		
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C3 (1200 Pa) C2 (800 Pa)	[0960] – 12.125 [0960] – 22.01049 Rev A	FbxFh < 1396x2583 ⁽³⁾ FbxFh < 1500x2380 ⁽³⁾	
	4.5	Watertightness	7A (300 Pa)	[0960] – 12.125 [0960] – 22.01049 Rev A	FbxFh < 1396x2583 FbxFh < 1500x2380	
	4.6	Dangerous substances	In the materials delivered 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			
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass:	Sliding door:		
			34 (-1;-4)	32 (-1;-3)	TC10_016E	WxH = 2700x2400
			38 (-2;-6)	35 (-1;-3)	[1671] – A 2224-1- RA-002	WxH = 2181x2437
			40 (-1;-3)	37 (-1;-3)	TC10_016F	WxH = 2700x2334
4.12	Thermal transmittance	U _w to be calculated in function of the project with actual dimensions. U _f -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 [0960] – 22.01049 Rev A	FbxFh < 1396x2583 FbxFh < 1500x2380		
Non-essential characteristics						
EN 14351-1	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	[0960] – 11.1125	FbxFh < 1503x2616 297 kg	
	4.17	Mechanical strength	npd			
	4.18	Ventilation	npd			
	4.19	Bullet resistance (BP version)	npd			
	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] – GSFM-23-051-01	See report	

5.13 Monorail Slide – Outside glazing


Characteristic		Performance	Notified body - Report	Limits (mm)		
Essential characteristics						
EN 14351-1	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 materials delivered 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			
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass:	Sliding door:		
			34 (-1;-4)	32 (-1;-3)	TC10_016E	WxH = 2700x2400
			38 (-2;-6)	35 (-1;-3)	[1671] – A 2224-1-RA-002	WxH = 2181x2437
			40 (-1;-3)	37 (-1;-3)	TC10_016F	WxH = 2700x2334
4.12	Thermal transmittance	U _w to be calculated in function of the project with actual dimensions. U _f -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] – 09.1025	FbxFh < 1400x2600		
Non-essential characteristics						
EN 14351-1	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	[0960] – 11.1125	FbxFh < 1503x2616 297 kg	
	4.17	Mechanical strength	npd			
	4.18	Ventilation	npd			
	4.19	Bullet resistance (BP version)	npd			
	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] – GSFM-23-051-01	See report	

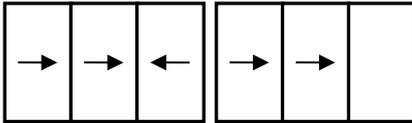
5.14 Monorail lift slide – Outside glazing


Characteristic		Performance		Notified body - Report	Limits (mm)	
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C3 (1200 Pa) ⁽¹⁾		[0960] – 23.00205	FbxFh < 1500x2700 ⁽³⁾
	4.5	Watertightness	E750 (750 Pa)		[0960] – 23.00205	FbxFh < 1500x2700
	4.6	Dangerous substances	In the materials delivered 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			
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8)	Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-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	These properties must be evaluated by the CE-label of the glass			
	4.14	Air permeability	4	[0960] – 23.00205	FbxFh < 1500x2700	
Non-essential characteristics						
EN 14351-1	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	2 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			
	4.18	Ventilation	npd			
	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] – GSFM-23-051-01	See report	

5.15 Monorail lift slide – Outside glazing


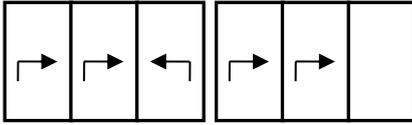
Characteristic		Performance		Notified body - Report		Limits (mm)		
Essential characteristics								
EN 14351-1	4.2	Resistance to wind load	B3 (1200 Pa) ⁽¹⁾ A3 (1200 Pa) ⁽¹⁾		[0960] – 11.1063 [0960] – 23.00690		FbxFh < 1510x2616 ⁽³⁾ FbxFh < 1500x2700 ⁽³⁾	
	4.5	Watertightness	7A (300 Pa) E750 (750 Pa)		[0960] – 11.1063 [0960] – 23.00690		FbxFh < 1510x2616 FbxFh < 1500x2700	
	4.6	Dangerous substances	In the materials delivered 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					
	4.9	Height & width	See 6					
	4.11	Acoustic performance	Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8)	Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-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	These properties must be evaluated by the CE-label of the glass					
	4.14	Air permeability	4		[0960] – 11.1063 [0960] – 23.00690		FbxFh < 1510x2616 FbxFh < 1500x2700	
	Non-essential characteristics							
	EN 14351-1	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	2 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				
4.18		Ventilation	npd					
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] – GSFM-23-051-01		See report	

5.16 3-rail Slide

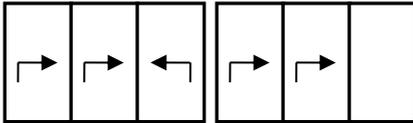


Characteristic		Performance	Notified body - Report		Limits (mm)	
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C3 (1200 Pa) ⁽¹⁾	[0960] – 14.00129	FbxFh < 1500x2616 ⁽³⁾	
	4.5	Watertightness	8A (450 Pa)	[0960] – 14.00129	FbxFh < 1500x2616	
	4.6	Dangerous substances	In the materials delivered 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			
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass:	Sliding door:		
			34 (-1;-4)	32 (-1;-3)	TC10_016E	WxH = 2700x2400
			38 (-2;-6)	35 (-1;-3)	[1671] – A 2224-1-RA-002	WxH = 2181x2437
			40 (-1;-3)	37 (-1;-3)	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] – 14.00129	FbxFh < 1500x2616	
	Non-essential characteristics					
EN 14351-1	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	[0960] – 11.1125	FbxFh < 1503x2616 297 kg	
	4.17	Mechanical strength	npd			
	4.18	Ventilation	npd			
	4.19	Bullet resistance (BP version)	npd			
	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	

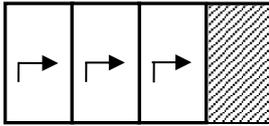
5.17 3-rail Lift Slide



Characteristic		Performance		Notified body - Report	Limits (mm)	
Essential characteristics						
EN 14351-1	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 materials delivered 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			
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8)	Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-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	These properties must be evaluated by the CE-label of the glass			
	4.14	Air permeability	4	[0960] – 16.00851	FbxFh < 1514x2632	
Non-essential characteristics						
EN 14351-1	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	2	[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	
	4.18	Ventilation	npd			
	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 10257/3	See report	

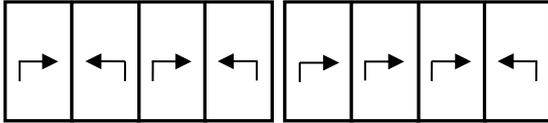
5.18 3-rail Lift Slide – Zero Threshold


Characteristic		Performance		Notified body - Report	Limits (mm)	
Essential characteristics						
EN 14351-1	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 materials delivered 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			
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8)	Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-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	These properties must be evaluated by the CE-label of the glass			
	4.14	Air permeability	2	[0960] – 14.00701	FbxFh < 1202x3000	
Non-essential characteristics						
EN 14351-1	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	2	[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	
	4.18	Ventilation	npd			
	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)	npd			

5.19 3-rail Lift Slide – Pocket


Characteristic		Performance		Notified body - Report	Limits (mm)		
Essential characteristics							
EN 14351-1	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 materials delivered 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				
	4.9	Height & width	See 6				
	4.11	Acoustic performance	Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8)	Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-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	These properties must be evaluated by the CE-label of the glass				
	4.14	Air permeability	3		[0960] – 14.00699	FbxFh < 923x2497	
Non-essential characteristics							
EN 14351-1	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	2	[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	
	4.18	Ventilation	npd				
	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)	npd				

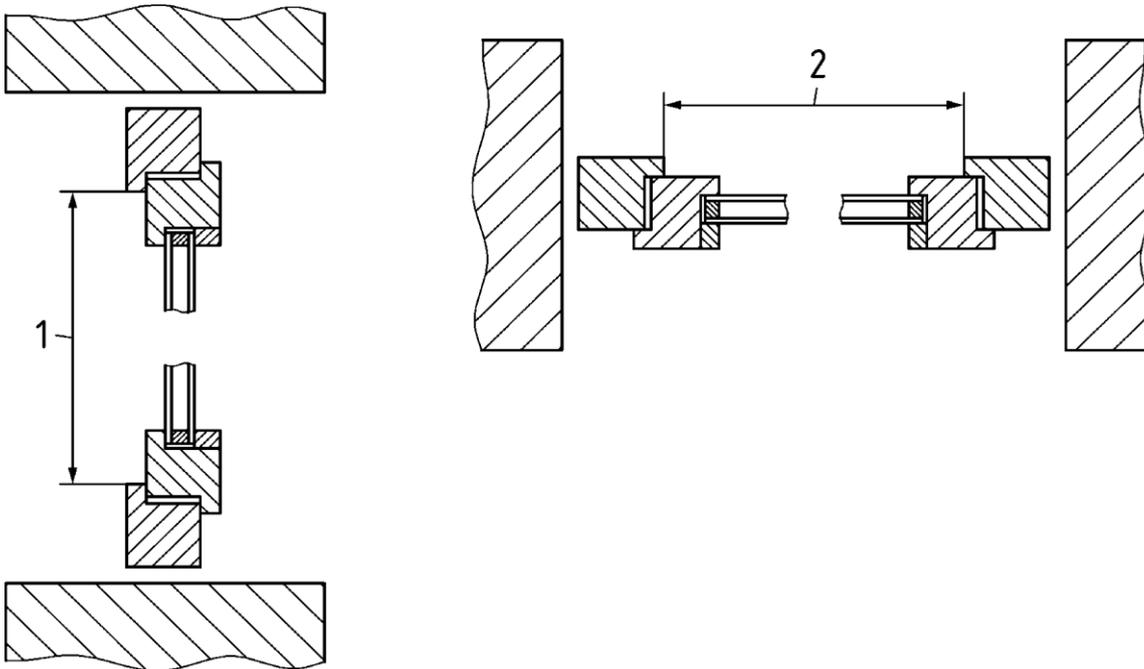
5.20 4-rail Lift Slide



Characteristic		Performance		Notified body - Report	Limits (mm)	
Essential characteristics						
EN 14351-1	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 materials delivered 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			
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8)	Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-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	These properties must be evaluated by the CE-label of the glass			
	4.14	Air permeability	3		[0960] – 14.00700	FbxFh < 1208x3000
Non-essential characteristics						
EN 14351-1	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	2		[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
	4.18	Ventilation	npd			
	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)	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

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

28/11/2022

	VARIANTS	Characteristic
22.01049	5.3 – 5.4	4.2 + 4.5

30/03/2023

	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

09/06/2023

	VARIANTS	Characteristic
23.00205	5.14	4.2 – 4.5 – 4.14

01/08/2023

	VARIANTS	Characteristic
23.00690	5.15	4.2 – 4.5 – 4.14