

PRODUCT PASS

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.

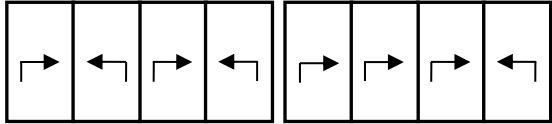
2 NOTIFIED BODIES

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

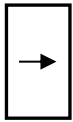
Different variants have been grouped based on similar design and following the guidelines of the harmonised standard.

Slide		Lift Slide	
5.1	2-rail	5.4	2-rail
	5.5	2-rail	
		5.6	2-rail - Corner
5.2	Monorail	5.7	Monorail
		5.8	Minergie
5.3	3-rail	5.9	3-rail
		5.10	3-rail - Zero Threshold

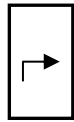
Slide		Lift Slide	
		5.11	4-rail 

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



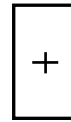
Sliding vent



Lift sliding vent



Fixed vent



Fixed pane monorail

^(*) Report for CP 96 and/or CP 130 can be used because of identical or equivalent accessories

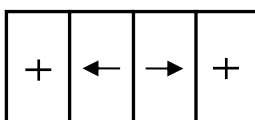
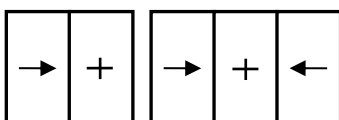
5 PERFORMANCE

5.1 2-rail Slide



Characteristic		Performance	Notified body - Report		Limits (mm)	
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C3 (1200 Pa)	[0960] – 08.1061	FbxFh < 1563x2406	
	4.5	Watertightness	8A (450 Pa)	[0960] – 08.1061	FbxFh < 1563x2406	
	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/cbo10.0099-4	FbxFh > 821x1729	
	4.8	Load-bearing capacity of safety devices	npd			
	4.9	Height and Width	See 6			
	4.11	Acoustic performance	Glass: 34 (-1;-4) 41 (-2;-4) 50 (-2;-8)	Sliding door: 35 (-2;-4) 37 (-1;-2) 40 (0;-2)	[0757] – 162 34130/3 R1	WxH = 2670x2510
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 2000x2180mm can be found in the Uf-value tables. 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] – 08.1061	FbxFh < 1563x2406	
Non-essential characteristics						
EN 14351-1	4.4.1	Reaction to fire	Anodized: A1 Painted: A2 Gaskets: E	EC decision 96/603/EC certificate P155748 [0432] – 230006500-4		
	4.16	Operating forces	1	[0960] – 11.1125 ^(*)	FbxFh < 1507x2616 297 kg, Siegenia CS300	
	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 < 1507x2616 297 kg, Siegenia CS300	
	4.22	Behaviour between different climates	npd			
	4.23	Burglar resistance (AP version)	Class 2	[1309] – 23-1/01E	See report	

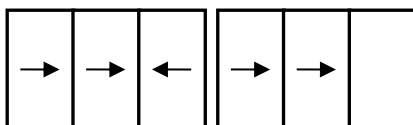
5.2 Monorail Slide



Characteristic		Performance	Notified body - Report		Limits (mm)	
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C4 (1600 Pa)	[0960] – 08.1059 ^(*)	FbxFh < 1472x2422	
	4.5	Watertightness	7A (300 Pa)	[0960] – 08.1059	FbxFh < 1472x2422	
	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/cbo10.0099-4	FbxFh > 821x1729	
	4.8	Load-bearing capacity of safety devices	npd			
	4.9	Height and Width	See 6			
	4.11	Acoustic performance	Glass:	Sliding door:	[0757] – 162 34130/3 R1	WxH = 2670x2510
			34 (-1;-4) 41 (-2;-4) 50 (-2;-8)	35 (-2;-4) 37 (-1;-2) 40 (0;-2)		
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 2000x2180mm can be found in the Uf-value tables. 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] – 08.1059	FbxFh < 1472x2422		
Non-essential characteristics						
EN 14351-1	4.4.1	Reaction to fire	Anodized: A1 Painted: A2 Gaskets: E	EC decision 96/603/EC certificate P155748 [0432] – 230006500-4		
	4.16	Operating forces	1	[0960] – 11.1125 ^(*)	FbxFh < 1507x2616 297 kg, Siegenia CS300	
	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 < 1507x2616 297 kg, Siegenia CS300	
	4.22	Behaviour between different climates	npd			
	4.23	Burglar resistance (AP version)	Class 2	[1309] – 23-8/09.118 [1136] - CAR 17073	See report	

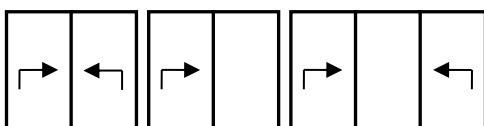
(*) inside glazing of fixed vent; sliding vent positioned on the outside

5.3 3-rail Slide



Characteristic		Performance		Notified body - Report	Limits (mm)	
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C3 (1200 Pa)	[0960] – 08.1061	FbxFh < 1563x2406	
	4.5	Watertightness	8A (450 Pa)	[0960] – 08.1061	FbxFh < 1563x2406	
	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/cbo10.0099-4	FbxFh > 821x1729	
	4.8	Load-bearing capacity of safety devices	npd			
	4.9	Height and Width	See 6			
	4.11	Acoustic performance	Glass: 34 (-1;-4) 41 (-2;-4) 50 (-2;-8)	Sliding door: 35 (-2;-4) 37 (-1;-2) 40 (0;-2)	[0757] – 162 34130/3 R1	WxH = 2670x2510
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 2000x2180mm can be found in the Uf-value tables. 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] – 08.1061	FbxFh < 1563x2406	
Non-essential characteristics						
EN 14351-1	4.4.1	Reaction to fire	Anodized: A1 Painted: A2 Gaskets: E	EC decision 96/603/EC certificate P155748 [0432] – 230006500-4		
	4.16	Operating forces	1	[0960] – 11.1125 ^(*)	FbxFh < 1507x2616 297 kg, Siegenia CS300	
	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 < 1507x2616 297 kg, Siegenia CS300	
	4.22	Behaviour between different climates	npd			
4.23	Burglar resistance (AP version)	Class 2	[1309] – 23-8/09.118	See report		

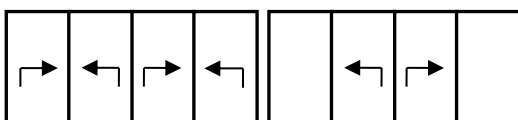
5.4 2-rail Lift Slide



Characteristic		Performance	Notified body - Report	Limits (mm)		
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C3 (1200 Pa) C3 (1200 Pa) C2 (800 Pa)	[0960] – 18.00477 [0960] – 18.00540 (*) [1488] – LK02-00948/14/R73NK	FbxFh < 1500x2380 FbxFh < 1468x2380 FbxFh < 2497x3386	
	4.5	Watertightness	E900 (900 Pa) 9A (600 Pa) 8A (450 Pa)	[0960] – 18.00477 [0960] – 18.00540 (*) [1488] – LK02-00948/14/R73NK	FbxFh < 1500x2380 FbxFh < 1468x2380 FbxFh < 2497x3386	
	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/cbo10.0099-5	FbxFh > 821x1729	
	4.8	Load-bearing capacity of safety devices	npd			
	4.9	Height and Width	See 6			
	4.11	Acoustic performance	Glass: 34 (-1;-4) 41 (-2;-4) 50 (-2;-8)	Sliding door: 35 (-2;-5) 38 (-1;-3) 42 (-1;-3)	[0757] – 162 34130/4 R1 WxH = 2670x2510	
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 2000x2180mm can be found in the Uf-value tables. 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] – 18.00477 [0960] – 18.00540 (*) [1488] – LK02-00948/14/R73NK	FbxFh < 1500x2380 FbxFh < 1468x2380 FbxFh < 2497x3386	
	Non-essential characteristics					
	EN 14351-1	4.4.1	Reaction to fire	Anodized: A1 Painted: A2 Gaskets: E	EC decision 96/603/EC certificate P155748 [0432] – 230006500-4	
		4.16	Operating forces	2	[1769] – 363/2513	FbxFh < 1998x2886 219 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	4 (50 000)	[0960] – 09.1125 (*)	FbxFh < 1441x2218 150 kg, Siegenia HS300	
			3 (20 000)	[0960] – 15.00681	FbxFh < 2700x3500 296 kg, Siegenia HS300	
4.22		Behaviour between different climates	npd			
4.23	Burglar resistance (AP version)	Class 2	[1309] – 23-2/01E	See report		

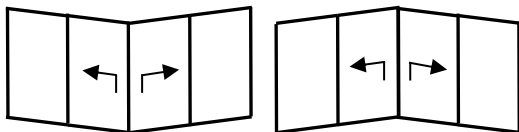
(*) Slim Chicane

5.5 2-rail Lift Slide



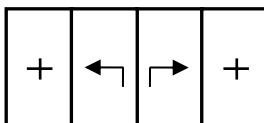
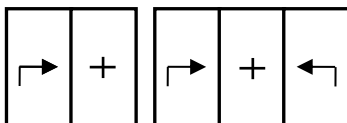
Characteristic		Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	4.2	Resistance to wind load	B3 (1200 Pa)	[0960] - 16.00865 Rev A	FbxFh < 1649x2986
	4.5	Watertightness	8A (450 Pa)	[0960] - 16.00865 Rev A	FbxFh < 1649x2986
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.		
	4.7	Impact resistance	5	[0960] – SKG/HRU/cbo10.0099-5	FbxFh > 821x1729
	4.8	Load-bearing capacity of safety devices	npd		
	4.9	Height and Width	See 6		
	4.11	Acoustic performance	npd		
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 2000x2180mm can be found in the Uf-value tables. 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] - 16.00865 Rev A	FbxFh < 1649x2986
Non-essential characteristics					
EN 14351-1	4.4.1	Reaction to fire	Anodized: A1 Painted: A2 Gaskets: E	EC decision 96/603/EC certificate P155748 [0432] – 230006500-4	
	4.16	Operating forces	2	[1769] – 363/2513	FbxFh < 1998x2886 219 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	4 (50 000)	[0960] – 09.1125 ^(*)	FbxFh < 1441x2218 150 kg, Siegenia HS300
			3 (20 000)	[0960] – 15.00681	FbxFh < 2700x3500 296 kg, Siegenia HS300
	4.22	Behaviour between different climates	npd		
4.23	Burglar resistance (AP version)	Class 2	[1309] – 23-2/01E	See report	

5.6 2-rail Lift Slide - Corner



Characteristic		Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa)	[0960] - 15.01116	FbxFh < 1728x2886
	4.5	Watertightness	7A (300 Pa)	[0960] - 15.01116	FbxFh < 1728x2886
	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/cbo10.0099-5	FbxFh > 821x1729
	4.8	Load-bearing capacity of safety devices	npd		
	4.9	Height and Width	See 6		
	4.11	Acoustic performance	npd		
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 2000x2180mm can be found in the Uf-value tables. 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] - 15.01116	FbxFh < 1728x2886	
Non-essential characteristics					
EN 14351-1	4.4.1	Reaction to fire	Anodized: A1 Painted: A2 Gaskets: E	EC decision 96/603/EC certificate P155748 [0432] – 230006500-4	
	4.16	Operating forces	2	[1769] – 363/2513	FbxFh < 1998x2886 219 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	4 (50 000)	[0960] – 09.1125 ^(*)	FbxFh < 1441x2218 150 kg, Siegenia HS300
			3 (20 000)	[0960] – 15.00681	FbxFh < 2700x3500 296 kg, Siegenia HS300
	4.22	Behaviour between different climates	npd		
4.23	Burglar resistance (AP version)	npd			

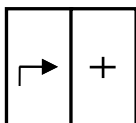
5.7 Monorail lift slide



Characteristic		Performance	Notified body - Report		Limits (mm)	
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	B2 (800 Pa)		[0960] – 16.00150 (**)	FbxFh < 2498x2896
	4.5	Watertightness	8A (450 Pa)		[0960] – 16.00150 (**)	FbxFh < 2498x2896
	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/cbo10.0099-5	FbxFh > 821x1729	
	4.8	Load-bearing capacity of safety devices	Npd			
	4.9	Height and Width	See 6			
	4.11	Acoustic performance	Glass:	Sliding door:		
			34 (-1;-4) 41 (-2;-4) 50 (-2;-8)	35 (-2;-5) 38 (-1;-3) 42 (-1;-3)	[0757] – 162 34130/4 R1	WxH = 2670x2510
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 2000x2180mm can be found in the Uf-value tables. 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] – 16.00150 (**)	FbxFh < 2498x2896		
Non-essential characteristics						
EN 14351-1	4.4.1	Reaction to fire	Anodized: A1 Painted: A2 Gaskets: E	EC decision 96/603/EC certificate P155748 [0432] – 230006500-4		
	4.16	Operating forces	2	[1769] – 363/2513	FbxFh < 1998x2886 219 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	4 (50 000)	[0960] – 09.1125 (**)	FbxFh < 1441x2218 150 kg, Siegenia HS300	
			3 (20 000)	[0960] – 15.00681	FbxFh < 2700x3500 296 kg, Siegenia HS300	
	4.22	Behaviour between different climates	npd			
	4.23	Burglar resistance (AP version)	Class 2	[1309] – 23-9/09.118 [1136] - CAR 17073	See report	

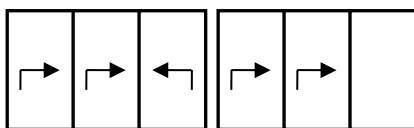
(**) outside glazing of fixed vent; sliding vent positioned on the inside

5.8 Minergie



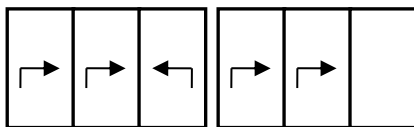
Characteristic		Performance	Notified body - Report		Limits (mm)	
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C3 (1200 Pa) C2 (800 Pa)	[1488] – LZE00-00948/17/R131NZE [1488] – LK02-00948/14/R76NK	FbxFh < 1380x2790 FbxFh < 2497x3387	
	4.5	Watertightness	9A (600 Pa)	[1488] – LZE00-00948/17/R131NZE [1488] – LK02-00948/14/R76NK	FbxFh < 1380x2790 FbxFh < 2497x3387	
	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/cbo10.0099-5	FbxFh > 821x1729	
	4.8	Load-bearing capacity of safety devices	npd			
	4.9	Height and Width	See 6			
	4.11	Acoustic performance	Glass:	Sliding door:	WxH = 2705x2360	
			33 (-1;-4) 40 (-1;-3) 46 (-2;-5) 52 (-1;-5) 52 (-1;-5)	32 (-1;-4) 37 (-2;-5) 39 (-1;-4) 42 (-1;-4) 43 (-1;-4)		
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 2000x2180mm can be found in the Uf-value tables. 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	[1488] – LZE00-00948/17/R131NZE [1488] – LK02-00948/14/R76NK	FbxFh < 1380x2790 FbxFh < 2497x3387	
	Non-essential characteristics					
	EN 14351-1	4.4.1	Reaction to fire	Anodized: A1 Painted: A2 Gaskets: E	EC decision 96/603/EC certificate P155748 [0432] – 230006500-4	
		4.16	Operating forces	2	[1769] – 363/2513	FbxFh < 1998x2886 219 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	4 (50 000)	[0960] – 09.1125 ^(*)	FbxFh < 1441x2218 150 kg, Siegenia HS300	
			3 (20 000)	[0960] – 15.00681	FbxFh < 2700x3500 296 kg, Siegenia HS300	
4.22		Behaviour between different climates	npd			
4.23	Burglar resistance (AP version)	Class 2	[1136] - CAR 17073	See report		

5.9 3-rail Lift Slide



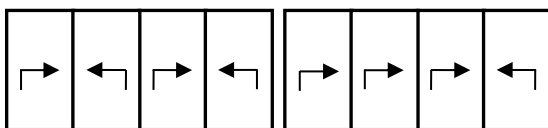
Characteristic		Performance	Notified body - Report	Limits (mm)		
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa)	[1488] – LK02-00948/14/R73NK	FbxFh < 2497x3386	
	4.5	Watertightness	8A (450 Pa)	[1488] – LK02-00948/14/R73NK	FbxFh < 2497x3386	
	4.6	Dangerous substances	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/cbo10.0099-5	FbxFh > 821x1729	
	4.8	Load-bearing capacity of safety devices	npd			
	4.9	Height and Width	See 6			
	4.11	Acoustic performance	Glass:	Sliding door:	[0757] – 162 34130/4 R1	WxH = 2670x2510
			34 (-1;-4) 41 (-2;-4) 50 (-2;-8)	35 (-2;-5) 38 (-1;-3) 42 (-1;-3)		
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 2000x2180mm can be found in the Uf-value tables. 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	[1488] – LK02-00948/14/R73NK	FbxFh < 2497x3386		
Non-essential characteristics						
EN 14351-1	4.4.1	Reaction to fire	Anodized: A1 Painted: A2 Gaskets: E	EC decision 96/603/EC certificate P155748 [0432] – 230006500-4		
	4.16	Operating forces	2	[1769] – 363/2513	FbxFh < 1998x2886 219 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	4 (50 000)	[0960] – 09.1125 ^(*)	FbxFh < 1441x2218 150 kg, Siegenia HS300	
			3 (20 000)	[0960] – 15.00681	FbxFh < 2700x3500 296 kg, Siegenia HS300	
	4.22	Behaviour between different climates	npd			
4.23	Burglar resistance (AP version)	Class 2	[1309] – 23-9/09.118	See report		

5.10 3-rail Lift Slide - Zero Threshold



Characteristic		Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa)	[0960] – 14.01031-Rev A	FbxFh < 1302x2867
	4.5	Watertightness	8A (450 Pa)	[0960] – 14.01031-Rev A	FbxFh < 1302x2867
	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/cbo10.0099-5	FbxFh > 821x1729
	4.8	Load-bearing capacity of safety devices	npd		
	4.9	Height and Width	See 6		
	4.11	Acoustic performance	npd		
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 2000x2180mm can be found in the Uf-value tables. 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] – 14.01031-Rev A	FbxFh < 1302x2867
Non-essential characteristics					
EN 14351-1	4.4.1	Reaction to fire	Anodized: A1 Painted: A2 Gaskets: E	EC decision 96/603/EC certificate P155748 [0432] – 230006500-4	
	4.16	Operating forces	2	[1769] – 363/2513	FbxFh < 1998x2886 219 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	4 (50 000)	[0960] – 09.1125 ^(*)	FbxFh < 1441x2218 150 kg, Siegenia HS300
			3 (20 000)	[0960] – 15.00681	FbxFh < 2700x3500 296 kg, Siegenia HS300
	4.22	Behaviour between different climates	npd		
4.23	Burglar resistance (AP version)	npd			

5.11 4-rail Lift Slide



Characteristic		Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	4.2	Resistance to wind load	A3 (1200 Pa)	[0960] – 14.01030-Rev A	FbxFh < 1302x2886
	4.5	Watertightness	7A (300 Pa)	[0960] – 14.01030-Rev A	FbxFh < 1302x2886
	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/cbo10.0099-5	FbxFh > 821x1729
	4.8	Load-bearing capacity of safety devices	npd		
	4.9	Height and Width	See 6		
	4.11	Acoustic performance	npd		
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 2000x2180mm can be found in the Uf-value tables. 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] – 14.01030-Rev A	FbxFh < 1302x2886	
Non-essential characteristics					
EN 14351-1	4.4.1	Reaction to fire	Anodized: A1 Painted: A2 Gaskets: E	EC decision 96/603/EC certificate P155748 [0432] – 230006500-4	
	4.16	Operating forces	2	[1769] – 363/2513	FbxFh < 1998x2886 219 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	4 (50 000)	[0960] – 09.1125 ^(*)	FbxFh < 1441x2218 150 kg, Siegenia HS300
			3 (20 000)	[0960] – 15.00681	FbxFh < 2700x3500 296 kg, Siegenia HS300
	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 g and clear opening width a are defined as indicated in following sketches out of EN 12519:2004.

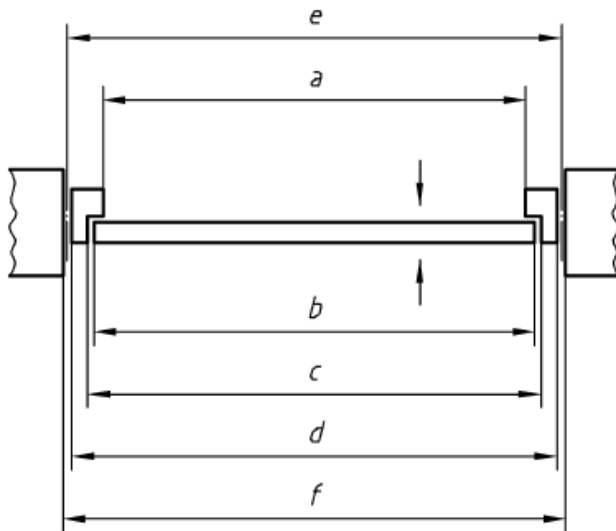


Figure 1/Figure 1/Bild 1

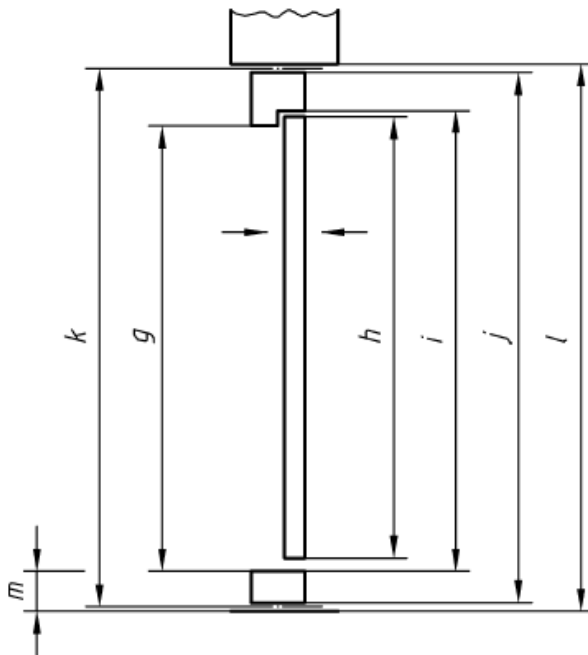


Figure 2/Figure 2/Bild 2