

Hi-Finity

PRODUCT PASS

Date: **22-9-2022**

Language: **English**



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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.

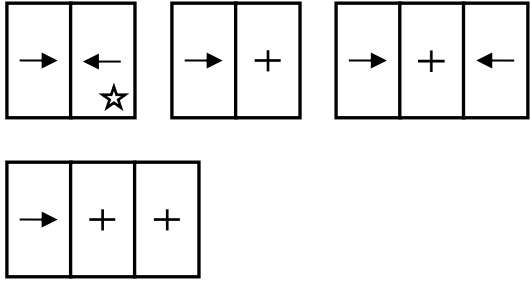
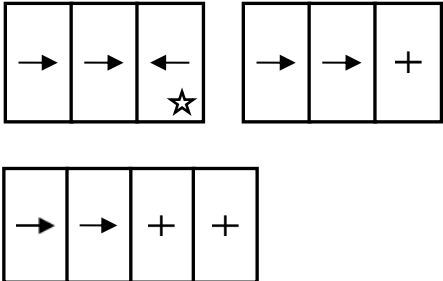
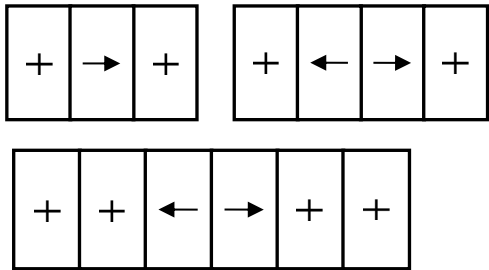
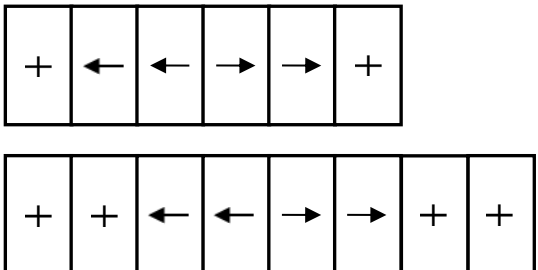
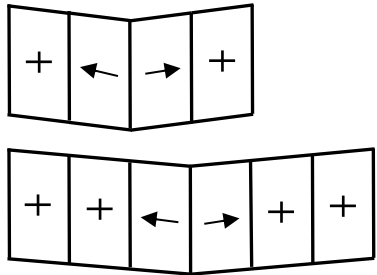
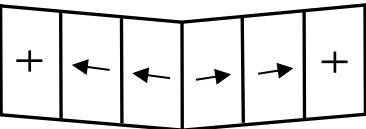
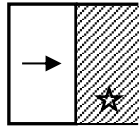
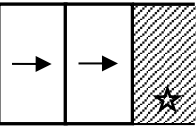
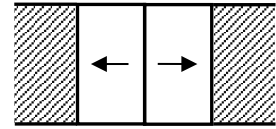
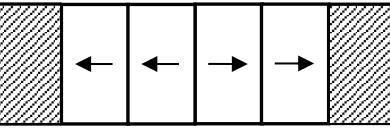
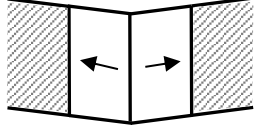
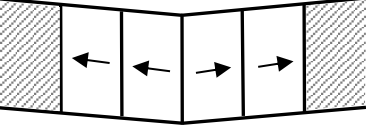
In the second part of the table the non-essential characteristics are indicated. These are the characteristics which give information about the performance of a product, but which are not legally required in any European country and thus not mandatory to declare.

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

2-rail		3-rail	
5.1		5.7	
5.2		5.8	
5.3	<p>Corner</p> 	5.9	<p>Corner</p> 
5.4	<p>Pocket</p> 	5.10	<p>Pocket</p> 
5.5	<p>Bi-part - Pocket</p> 	5.11	<p>Bi-part Pocket</p> 
5.6	<p>Corner Pocket</p> 	5.12	<p>Corner Pocket</p> 

All variants can be Double or Triple Glazed, and with Zero Threshold (Profile Finish) solution.

★ also available in Zero Threshold (Floor Finish) solution

For the performance of Glass Corner variants refer to performance of the standard variant.

4 EXPLANATIONS AND SYMBOLS

H: Element Height

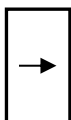
B: Element Width

Fh: Vent Height

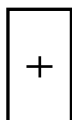
Fb: Vent Width

npd: No Performance Declared

CWFT: Classification Without Further Testing



Sliding vent



Fixed vent



Pocket

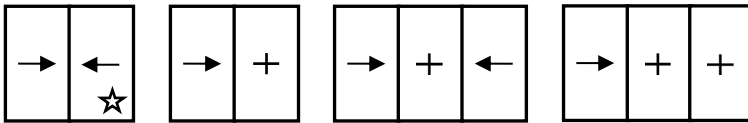
⁽¹⁾ Valid for double glazed solutions

⁽²⁾ Not valid for configuration XQX

⁽³⁾ Because of the same profile design, characteristics are based on test results for Hi-Finity 147/179

5 PERFORMANCE

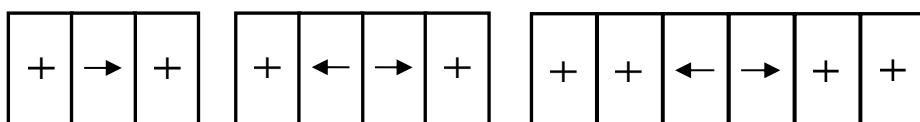
5.1 2-rail



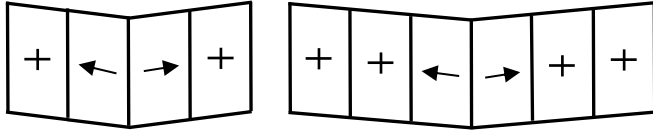
Characteristic		Performance	Notified body - Report		Limits (mm)		
Essential characteristics							
EN 14351-1	4.2	Resistance to wind load	B3 (1200 Pa) C5 (2000 Pa) B3 (1200 Pa)	[0960] – 20.00346 [0960] – 20.00134 rev A [0960] – 20.00525	FbxFh < 2335x3835 FbxFh < 2335x2335 FbxFh < 2335x3783		
	4.5	Watertightness	E750 (750 Pa) E750 (750 Pa) 7A (300 Pa)	[0960] – 20.00346 [0960] – 20.00134 rev A [0960] – 20.00525	FbxFh < 2335x3835 FbxFh < 2335x2335 FbxFh < 2335x3783		
	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	npd				
	4.8	Load-bearing capacity of safety devices	npd				
	4.9	Height & width	See 6				
	4.11	Acoustic performance	Glass:	Sliding door:		WxH = 4060x2360	
			41 (-2;-6)	37 (-1;-3)	[0960] – 20.00750.1 ⁽¹⁾		
			45 (-2;-7)	41 (-1;-4)	[0960] – 20.00750.2 ⁽¹⁾		
			43 (-1;-8)	40 (-2;-5)	[0960] – 20.01406.1		
			46 (-2;-6)	43 (-2;-5)	[0960] – 20.01406.2		
		52 (-1;-5)	46 (-1;-3)	[0960] – 20.01406.3			
	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	[0960] – 20.00346 [0960] – 20.00134 rev A [0960] – 20.00525	FbxFh < 2335x3835 FbxFh < 2335x2335 FbxFh < 2335x3783			
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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 kg		
	4.22	Behaviour between different climates	npd				
	4.23	Burglar resistance (AP version)	RC2	[0960] – 20.00637 ⁽²⁾ [1136] – GSFM-20-135 ⁽³⁾	See report		

⁽³⁾ Not valid for configuration XX

5.2 2-rail

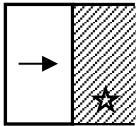


Characteristic		Performance	Notified body - Report	Limits (mm)		
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C4 (1600 Pa)	[0960] – 21.01301	FbxFh < 1500x2500	
	4.5	Watertightness	8A (450 Pa)	[0960] – 21.01301	FbxFh < 1500x2500	
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.			
	4.7	Impact resistance	npd			
	4.8	Load-bearing capacity of safety devices	npd			
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 41 (-2;-6) 45 (-2;-7) 43 (-1;-8) 46 (-2;-6) 52 (-1;-5)	Sliding door: 37 (-1;-3) 41 (-1;-4) 40 (-2;-5) 43 (-2;-5) 46 (-1;-3)	[0960] – 20.00750.1 ⁽¹⁾ [0960] – 20.00750.2 ⁽¹⁾ [0960] – 20.01406.1 [0960] – 20.01406.2 [0960] – 20.01406.3	WxH = 4060x2360
	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] – 21.01301	FbxFh < 1500x2500	
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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 kg	
	4.22	Behaviour between different climates	npd			
	4.23	Burglar resistance (AP version)	RC2	[0960] – 20.00637 ⁽²⁾ [1136] – GSFM-20-135	See report	

5.3 2-rail - Corner


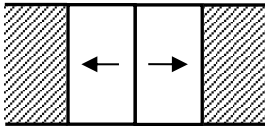
Characteristic		Performance		Notified body - Report	Limits (mm)	
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa)		[1488] - LK00-00948/14/R57NK ⁽³⁾	FbxFh < 2425x2650
	4.5	Watertightness	7A (300 Pa)		[1488] - LK00-00948/14/R57NK ⁽³⁾	FbxFh < 2425x2650
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.			
	4.7	Impact resistance	npd			
	4.8	Load-bearing capacity of safety devices	npd			
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass:	Sliding door:		
			41 (-2;-6) 45 (-2;-7) 43 (-1;-8) 46 (-2;-6) 52 (-1;-5)	37 (-1;-3) 41 (-1;-4) 40 (-2;-5) 43 (-2;-5) 46 (-1;-3)	[0960] – 20.00750.1 ⁽¹⁾ [0960] – 20.00750.2 ⁽¹⁾ [0960] – 20.01406.1 [0960] – 20.01406.2 [0960] – 20.01406.3	WxH = 4060x2360
	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] - LK00-00948/14/R57NK ⁽³⁾	FbxFh < 2425x2650	
	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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 kg	
4.22		Behaviour between different climates	npd			
4.23		Burglar resistance (AP version)	RC2	[0960] – 20.00637 ⁽²⁾ [1136] – GSFM-20-135	See report	

5.4 2-rail - Pocket



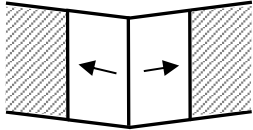
Characteristic		Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	4.2	Resistance to wind load	B4 (1600 Pa)	[0960] – 20.00756.0 rev A	FbxFh < 2335x2535
	4.5	Watertightness	9A (600 Pa)	[0960] – 20.00756.0 rev A	FbxFh < 2335x2535
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.		
	4.7	Impact resistance	npd		
	4.8	Load-bearing capacity of safety devices	npd		
	4.9	Height & 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] – 20.00756.0 rev A	FbxFh < 2335x2535
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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 kg
	4.22	Behaviour between different climates	npd		
	4.23	Burglar resistance (AP version)	RC2	[0960] – 20.00637	See report

5.5 Bi-part - Pocket

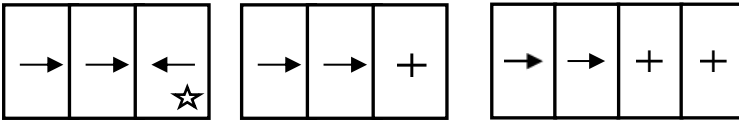


Characteristic		Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	4.2	Resistance to wind load	C4 (1600 Pa)	[0960] – 21.01301	FbxFh < 1500x2500
	4.5	Watertightness	8A (450 Pa)	[0960] – 21.01301	FbxFh < 1500x2500
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.		
	4.7	Impact resistance	npd		
	4.8	Load-bearing capacity of safety devices	npd		
	4.9	Height & 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] – 20.00756.0 rev A	FbxFh < 2335x2535
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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 kg
	4.22	Behaviour between different climates	npd		
	4.23	Burglar resistance (AP version)	RC2	[0960] – 20.00637	See report

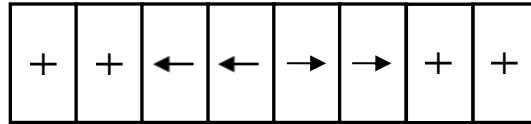
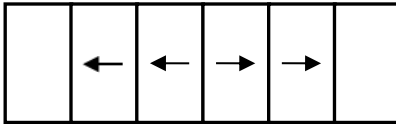
5.6 Corner Pocket



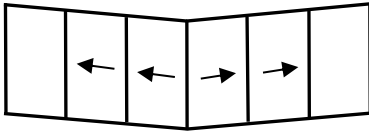
Characteristic		Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa)	[1488] - LK00-00948/14/R57NK ⁽³⁾	FbxFh < 2425x2650
	4.5	Watertightness	7A (300 Pa)	[1488] - LK00-00948/14/R57NK ⁽³⁾	FbxFh < 2425x2650
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.		
	4.7	Impact resistance	npd		
	4.8	Load-bearing capacity of safety devices	npd		
	4.9	Height & 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	[1488] - LK00-00948/14/R57NK ⁽³⁾	FbxFh < 2425x2650
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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 kg
	4.22	Behaviour between different climates	npd		
	4.23	Burglar resistance (AP version)	RC2	[0960] – 20.00637	See report

5.7 3-rail


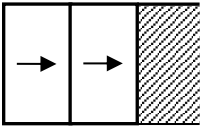
Characteristic		Performance	Notified body - Report	Limits (mm)		
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C4 (1600 Pa)	[0960] – 20.01397	FbxFh < 2335x2535	
	4.5	Watertightness	9A (600 Pa)	[0960] – 20.01397	FbxFh < 2335x2535	
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.			
	4.7	Impact resistance	npd			
	4.8	Load-bearing capacity of safety devices	npd			
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 41 (-2;-6) 45 (-2;-7) 43 (-1;-8) 46 (-2;-6) 52 (-1;-5)	Sliding door: 37 (-1;-3) 41 (-1;-4) 40 (-2;-5) 43 (-2;-5) 46 (-1;-3)	[0960] – 20.00750.1 ⁽¹⁾ [0960] – 20.00750.2 ⁽¹⁾ [0960] – 20.01406.1 [0960] – 20.01406.2 [0960] – 20.01406.3	WxH = 4060x2360
	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] – 20.01397	FbxFh < 2335x2535	
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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 kg	
	4.22	Behaviour between different climates	npd			
	4.23	Burglar resistance (AP version)	RC2	[0960] – 20.00637	See report	

5.8 3-rail


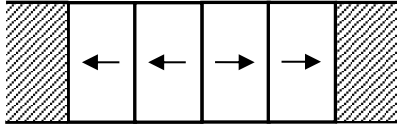
Characteristic		Performance	Notified body - Report		Limits (mm)		
Essential characteristics							
EN 14351-1	4.2	Resistance to wind load	C4 (1600 Pa)	[0960] – 21.01301	FbxFh < 1500x2500		
	4.5	Watertightness	8A (450 Pa)	[0960] – 21.01301	FbxFh < 1500x2500		
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.				
	4.7	Impact resistance	npd				
	4.8	Load-bearing capacity of safety devices	npd				
	4.9	Height & width	See 6				
	4.11	Acoustic performance	Glass:	Sliding door:		WxH = 4060x2360	
			41 (-2;-6)	37 (-1;-3)	[0960] – 20.00750.1 ⁽¹⁾		
			45 (-2;-7)	41 (-1;-4)	[0960] – 20.00750.2 ⁽¹⁾		
			43 (-1;-8)	40 (-2;-5)	[0960] – 20.01406.1		
	46 (-2;-6)		43 (-2;-5)	[0960] – 20.01406.2			
	52 (-1;-5)	46 (-1;-3)	[0960] – 20.01406.3				
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	3	[0960] – 21.01301	FbxFh < 1500x2500			
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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 kg		
	4.22	Behaviour between different climates	npd				
	4.23	Burglar resistance (AP version)	RC2	[0960] – 20.00637	See report		

5.9 3-rail – Corner


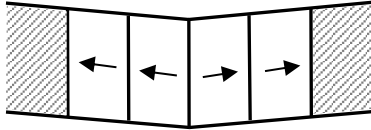
Characteristic		Performance		Notified body - Report	Limits (mm)		
Essential characteristics							
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa)		[1488] - LK00-00948/14/R57NK ⁽³⁾	FbxFh < 2425x2650	
	4.5	Watertightness	7A (300 Pa)		[1488] - LK00-00948/14/R57NK ⁽³⁾	FbxFh < 2425x2650	
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.				
	4.7	Impact resistance	npd				
	4.8	Load-bearing capacity of safety devices	npd				
	4.9	Height & width	See 6				
	4.11	Acoustic performance	Glass:	Sliding door:	[0960] – 20.00750.1 ⁽¹⁾ [0960] – 20.00750.2 ⁽¹⁾ [0960] – 20.01406.1 [0960] – 20.01406.2 [0960] – 20.01406.3		WxH = 4060x2360
			41 (-2;-6)	37 (-1;-3)			
			45 (-2;-7)	41 (-1;-4)			
			43 (-1;-8)	40 (-2;-5)			
			46 (-2;-6)	43 (-2;-5)			
		52 (-1;-5)	46 (-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] - LK00-00948/14/R57NK ⁽³⁾	FbxFh < 2425x2650		
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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 kg	
	4.22	Behaviour between different climates	npd				
	4.23	Burglar resistance (AP version)	RC2		[0960] – 20.00637	See report	

5.10 3-rail – Pocket


Characteristic		Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	4.2	Resistance to wind load	B4 (1600 Pa)	[0960] – 20.00756.0 rev A	FbxFh < 2335x2535
	4.5	Watertightness	9A (600 Pa)	[0960] – 20.00756.0 rev A	FbxFh < 2335x2535
	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	npd		
	4.8	Load-bearing capacity of safety devices	npd		
	4.9	Height & 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] – 20.00756.0 rev A	FbxFh < 2335x2535	
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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 kg
	4.22	Behaviour between different climates	npd		
	4.23	Burglar resistance (AP version)	RC2	[0960] – 20.00637	See report

5.11 3-rail - Bi-part Pocket


Characteristic		Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	4.2	Resistance to wind load	C4 (1600 Pa)	[0960] – 21.01301	FbxFh < 1500x2500
	4.5	Watertightness	8A (450 Pa)	[0960] – 21.01301	FbxFh < 1500x2500
	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	npd		
	4.8	Load-bearing capacity of safety devices	npd		
	4.9	Height & 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] – 21.01301	FbxFh < 1500x2500
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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 kg
	4.22	Behaviour between different climates	npd		
	4.23	Burglar resistance (AP version)	RC2	[0960] – 20.00637	See report

5.12 3-rail - Corner Pocket


Characteristic		Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa)	[1488] - LK00-00948/14/R57NK ⁽³⁾	FbxFh < 2425x2650
	4.5	Watertightness	7A (300 Pa)	[1488] - LK00-00948/14/R57NK ⁽³⁾	FbxFh < 2425x2650
	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	npd		
	4.8	Load-bearing capacity of safety devices	npd		
	4.9	Height & 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	[1488] - LK00-00948/14/R57NK ⁽³⁾	FbxFh < 2425x2650
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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 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] – 20.00301 rev A ⁽¹⁾	FbxFh < 2335x2335 302 kg
	4.22	Behaviour between different climates	npd		
	4.23	Burglar resistance (AP version)	RC2	[0960] – 20.00637	See report

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.

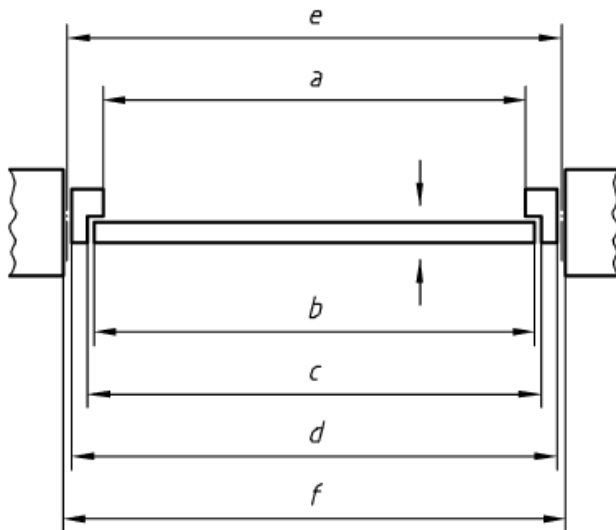


Figure 1/Figure 1/Bild 1

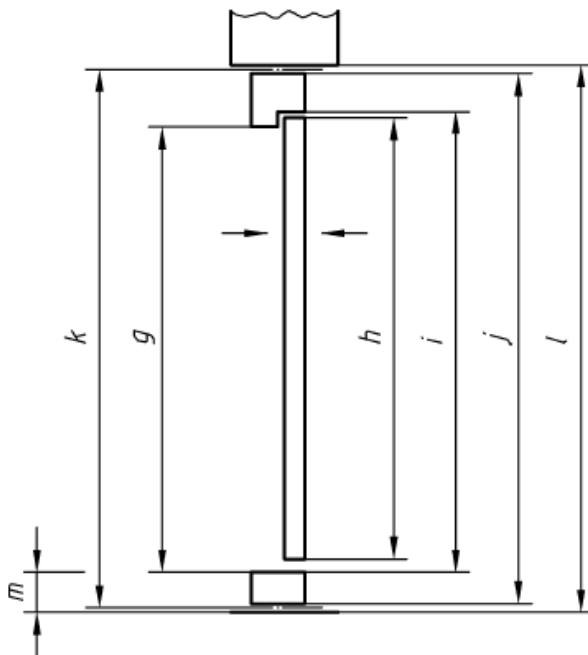


Figure 2/Figure 2/Bild 2

UPDATES

17/5/2022

	VARIANTS	Characteristic
20.00525	5.1	4.2 – 4.5 – 4.14
20.00756.0 rev A	5.7	4.2 – 4.5 – 4.14

5/9/2022

	VARIANTS	Characteristic
2-rail - Pocket	5.4	
Bi-part - Pocket	5.5 + 5.11	
Corner Pocket	5.6 + 5.12	

22/9/2022

	VARIANTS	Characteristic
GSFM-20-135	5.1 ~ 5.3	4.23