

Certificate of constancy of performance



according to Regulation (EU) No. 305/2011

Certificate No.: 1008-CPR-MC 69266182 0001

Report No.: HU22QWUI 001

Applicant: **ALUSTRUKT-PLUS KFT.**
4080 Hajdúnánás, Liget út 8.
Hungary

Manufacturer: **ALUSTRUKT-PLUS KFT.**
4080 Hajdúnánás, Liget út 8.
Hungary

Manufacturing plant: **ALUSTRUKT-PLUS KFT.**
4080 Hajdúnánás, Pázsit út 37.
Hungary

Product: **Aluminium door-/frame construction type
Masterline 8 with glazing**

Identification: **Aluminium door-/frame construction type
Masterline 8 with glazing**

FPC Report No.: HU22WUTL 001

**System of assessment
and verification:** 1

Tested according to: EN 14351-1:2006+A2

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performance described in Annex ZA of the above standard(s) under above system are applied and the product fulfils all the prescribed requirements set out above.

This certificate was first issued on 2022-06-28 and it will remain valid until the test methods and/or factory production control requirements included in the standard, used to assess the performance of the declared characteristics, and the product, and the manufacturing conditions in the plant are unchanged. The manufacturing plant and factory production control system of the manufacturer is supervised regularly by the Certification Body.

Certification Body

Date of issue:

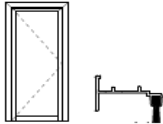
Budapest, 2022-06-28


Kristof Kertesz

TÜV Rheinland InterCert Kft., Product Certification Body — H-1143 Budapest, Gizella út 51-57. — www.tuv.com
Notified Body No. 1008

Validity of certificate can be checked on www.CERTIPEDIA.com

Flush doors / Single-inward opening / Brush



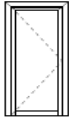
Characteristic		Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa)	[0960] – 21.00162	FbxFh < 1352x2204
	4.5	Watertightness	4A (150 Pa)	[0960] – 21.00162	FbxFh < 1352x2204
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.		
	4.7	Impact resistance	5 ⁽¹⁾	[0960] – 09.1168 ⁽²⁾	FbxFh > 604x1739
	4.8	Load-bearing capacity of safety devices	Pass	[0960] – 20.00934	FbxFh < 1400x3000
	4.9	Height & width	See 6		
	4.11	Acoustic performance	Glass: 34 (-1;-4) Doors: 23 (-1;-2)	[0757] – 18-000457-PR03 (GAS-C01-04-en-01)	FbxFh = 889~1304 x 2062~2942
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 1230x2180mm can be found in the Uf-value tables. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-100772.		
	4.13	Radiation properties	These properties must be evaluated by the CE-label of the glass		
	4.14	Air permeability	2	[0960] – 21.00162	FbxFh < 1352x2204
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] – 18.00012.2	FbxFh < 1400x3000 256 kg
	4.17	Mechanical strength	4	[0960] – 20.00934	FbxFh < 1400x3000 250 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	8 (1.000 000)	[0960] – 20.00934	FbxFh < 1400x3000 250 kg
	4.22	Behaviour between different climates	npd		
	4.23	Burglar resistance (AP version)	RC2 RC3	[1309] – 22-27/10.120 [1136] – GSFM-20-083	See report

Certification Body

Date of issue:

Budapest, 2022-06-28


.....
Kristof Kertesz

Flush doors / Single-inward opening / Bottom profile


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] – 19.00840 [0960] – 21.00162	FbxFh < 1200x2200 FbxFh < 1400x2600	
	4.5	Watertightness	7A (300 Pa)	[0960] – 19.00840 [0960] – 21.00162	FbxFh < 1200x2200 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 ⁽¹⁾	[0960] – 09.1168 ⁽²⁾	FbxFh > 604x1739	
	4.8	Load-bearing capacity of safety devices	Pass	[0960] – 20.00934	FbxFh < 1400x3000	
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 34 (-1;-4) 41 (-2;-4) 50 (-2;-8)	Doors: 37 (-2;-5) 39 (-2;-4) 43 (-2;-4) ⁽³⁾	[0757] – 18-000457- PR03 (GAS-C01-04- en-01)	FbxFh = 889~1279 x 2062~2452
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 1230x2180mm 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] – 19.00840 [0960] – 21.00162	FbxFh < 1200x2200 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] – 18.00012.2	FbxFh < 1400x3000 256 kg	
	4.17	Mechanical strength	4	[0960] – 20.00934	FbxFh < 1400x3000 250 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	8 (1.000 000)	[0960] – 20.00934	FbxFh < 1400x3000 250 kg	
	4.22	Behaviour between different climates	npd			
	4.23	Burglar resistance (AP version)	RC2 RC3	[1309] – 22-27/10.120 [1136] – GSFM-20-083	See report	

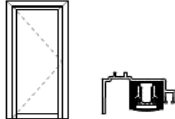
⁽³⁾ For casement W x H ≤ 1050 x 2200. For casement W x H ≤ 1304 x 2942: 42 (-2;-4)

Certification Body
Date of issue:

Budapest, 2022-06-28



Kristof Kertesz

Flush doors / Single-inward opening / Automatic bottom seal


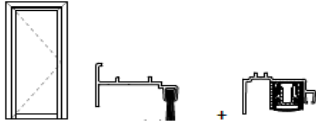
Characteristic		Performance	Notified body - Report	Limits (mm)		
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa)	[0960] – 21.00162	FbxFh < 1352x2207	
	4.5	Watertightness	5B (200 Pa)	[0960] – 21.00162	FbxFh < 1352x2207	
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.			
	4.7	Impact resistance	5 ⁽¹⁾	[0960] – 09.1168 ⁽²⁾	FbxFh > 604x1739	
	4.8	Load-bearing capacity of safety devices	Pass	[0960] – 20.00934	FbxFh < 1400x3000	
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 34 (-1;-4) 41 (-2;-4) 50 (-2;-8)	Doors: 33 (-2;-5) 34 (-1;-3) 35 (-1;-2)	[0757] – 18-000457-PR03 (GAS-C01-04-en-01)	FbxFh = 889~1200 x 2062~2942
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 1230x2180mm 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] – 21.00162	FbxFh < 1352x2207	
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] – 18.00012.2	FbxFh < 1400x3000 256 kg	
	4.17	Mechanical strength	4	[0960] – 20.00934	FbxFh < 1400x3000 250 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	8 (1.000 000)	[0960] – 18.00012.2	FbxFh < 1400 x 3000 256 kg	
	4.22	Behaviour between different climates	npd			
	4.23	Burglar resistance (AP version)	RC2 RC3	[1309] – 22-27/10.120 [1136] – GSFM-20-083	See report	

Certification Body
Date of issue:

Budapest, 2022-06-28



 Kristof Kertesz

Window doors / Single-inward opening / Automatic bottom seal + Brush


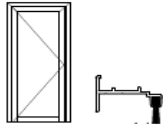
Characteristic		Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	4.2	Resistance to wind load	C3 (1200 Pa)	[0960] – 21.00576	FbxFh < 1200x2800
	4.5	Watertightness	npd		
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.		
	4.7	Impact resistance	5 ⁽¹⁾	[0960] – 09.1168 ⁽²⁾	FbxFh > 604x1739
	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 1230x2180mm 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] – 21.00576	FbxFh < 1200x2800
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	npd		
	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	npd		
	4.22	Behaviour between different climates	npd		
	4.23	Burglar resistance (AP version)	npd		

Certification Body
Date of issue:

Budapest, 2022-06-28



Kristof Kertesz

Flush doors / Single-outward opening / Brush


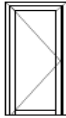
Characteristic		Performance	Notified body - Report	Limits (mm)		
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa)	[0960] – 21.00162	FbxFh < 1352x2204	
	4.5	Watertightness	4A (150 Pa)	[0960] – 21.00162	FbxFh < 1352x2204	
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.			
	4.7	Impact resistance	5 ⁽¹⁾	[0960] – 09.1168 ⁽²⁾	FbxFh > 604x1739	
	4.8	Load-bearing capacity of safety devices	Pass	[0960] – 20.00710.1	FbxFh < 1400x3000	
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 34 (-1;-4)	Doors: 23 (-1;-2)	[0757] – 18-000457-PR03 (GAS-C01-04-en-01)	FbxFh = 889~1304 x 2062~2942
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 1230x2180mm 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	2	[0960] – 21.00162	FbxFh < 1352x2204	
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	0	[0960] – 20.00710.1	FbxFh < 1400x3000 250 kg	
	4.17	Mechanical strength	4	[0960] – 20.00710.1	FbxFh < 1400x3000 250 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	8 (1.000 000)	[0960] – 20.00710.1	FbxFh < 1400x3000 250 kg	
	4.22	Behaviour between different climates	npd			
	4.23	Burglar resistance (AP version)	RC2 RC3	[1309] – 22-27/10.120 [1136] – GSFM-20-083	See report	

Certification Body
Date of issue:

Budapest, 2022-06-28



Kristof Kertesz

Flush doors / Single-outward opening / Bottom profile


Characteristic		Performance	Notified body - Report	Limits (mm)		
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa)	[0960] – 21.00162	FbxFh < 1400x2600	
	4.5	Watertightness	9A (600 Pa)	[0960] – 21.00162	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 ⁽¹⁾	[0960] – 09.1168 ⁽²⁾	FbxFh > 604x1739	
	4.8	Load-bearing capacity of safety devices	Pass	[0960] – 20.00710.1	FbxFh < 1400x3000	
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 34 (-1;-4) 41 (-2;-4) 50 (-2;-8)	Doors: 37 (-2;-5) 39 (-2;-4) 43 (-2;-4) ⁽³⁾	[0757] – 18-000457-PR03 (GAS-C01-04-en-01)	FbxFh = 889~1279 x 2062~2452
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 1230x2180mm 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] – 21.00162	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	0	[0960] – 20.00710.1	FbxFh < 1400x3000 250 kg	
	4.17	Mechanical strength	4	[0960] – 20.00710.1	FbxFh < 1400x3000 250 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	8 (1.000 000)	[0960] – 20.00710.1	FbxFh < 1400x3000 250 kg	
	4.22	Behaviour between different climates	npd			
	4.23	Burglar resistance (AP version)	RC2 RC3	[1309] – 22-27/10.120 [1136] – GSFM-20-083	See report	

⁽³⁾ For casement W x H ≤ 1050 x 2200. For casement W x H ≤ 1304 x 2942: 42 (-2;-4)

Certification Body
Date of issue:

Budapest, 2022-06-28



Kristof Kertesz

Flush doors / Single-outward opening / Automatic bottom seal


Characteristic		Performance	Notified body - Report	Limits (mm)		
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa)	[0960] – 21.00162	FbxFh < 1352x2204	
	4.5	Watertightness	4A (150 Pa)	[0960] – 21.00162 ⁽³⁾	FbxFh < 1352x2204	
	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 ⁽¹⁾	[0960] – 09.1168 ⁽²⁾	FbxFh > 604x1739	
	4.8	Load-bearing capacity of safety devices	Pass	[0960] – 20.00710.1	FbxFh < 1400x3000	
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 34 (-1;-4) 41 (-2;-4) 50 (-2;-8)	Doors: 33 (-2;-5) 34 (-1;-3) 35 (-1;-2)	[0757] – 18-000457-PR03 (GAS-C01-04-en-01)	FbxFh = 889~1200 x 2062~2942
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 1230x2180mm 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] – 21.00162	FbxFh < 1352x2204	
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	0	[0960] – 20.00710.1	FbxFh < 1400x3000 250 kg	
	4.17	Mechanical strength	4	[0960] – 20.00710.1	FbxFh < 1400x3000 250 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	8 (1.000 000)	[0960] – 20.00710.1	FbxFh < 1400x3000 250 kg	
	4.22	Behaviour between different climates	npd			
	4.23	Burglar resistance (AP version)	RC2 RC3	[1309] – 22-27/10.120 [1136] – GSFM-20-083	See report	

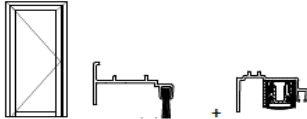
⁽³⁾ Automatic bottom seal + Brush

Certification Body
Date of issue:

Budapest, 2022-06-28



Kristof Kertesz

Window doors / Single-outward opening


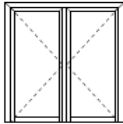
Characteristic		Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	4.2	Resistance to wind load	C3 (1200 Pa)	[0960] – 21.00762-0	FbxFh < 1200x2800
	4.5	Watertightness	npd		
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.		
	4.7	Impact resistance	5 ⁽¹⁾	[0960] – 09.1168 ⁽²⁾	FbxFh > 604x1739
	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 1230x2180mm 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] – 21.00762-0	FbxFh < 1200x2800
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	npd		
	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	npd		
	4.22	Behaviour between different climates	npd		
	4.23	Burglar resistance (AP version)	npd		

Certification Body
Date of issue:

Budapest, 2022-06-28



Kristof Kertesz

Flush doors / Double-inward opening / Brush


Characteristic		Performance		Notified body - Report	Limits (mm)	
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa)		[0960] – 21.00162	FbxFh < 1352x2350
	4.5	Watertightness	3A (100 Pa)		[0960] – 21.00162	FbxFh < 1352x2350
	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 ⁽¹⁾		[0960] – SKG/HRU/age/12.0649 ⁽²⁾	FbxFh > 649x1742
	4.8	Load-bearing capacity of safety devices	Pass		[0960] – 20.00934	FbxFh < 1400x3000
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 34 (-1;-4)	Doors: 23 (-1;-2)	[0757] – 18-000457-PR03 (GAS-C01-04-en-01)	FbxFh = 889~1279 x 2062~2452
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 1230x2180mm 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	2		[0960] – 21.00162	FbxFh < 1352x2350
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	0		[0960] – 22.00323	FbxFh < 1400x2990 353 kg
	4.17	Mechanical strength	4		[0960] – 22.00323	FbxFh < 1400x2990 353 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	7 (500.000)		[0960] – 22.00323	FbxFh < 1400x2990 353 kg
	4.22	Behaviour between different climates	npd			
	4.23	Burglar resistance (AP version)	RC2 RC3		[1309] – 22-27/10.120 [1136] – GSFM-20-083	See report

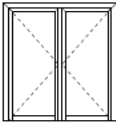
Certification Body
Date of issue:

Budapest, 2022-06-28



.....

Kristof Kertesz

Flush doors / Double-inward opening / Bottom profile


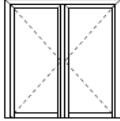
Characteristic		Performance	Notified body - Report	Limits (mm)		
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa)	[0960] – 21.00162	FbxFh < 1338x2352	
	4.5	Watertightness	6A (250 Pa)	[0960] – 21.00162	FbxFh < 1338x2352	
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.			
	4.7	Impact resistance	5 ⁽¹⁾	[0960] – SKG/HRU/age/12.0649 ⁽²⁾	FbxFh > 649x1742	
	4.8	Load-bearing capacity of safety devices	Pass	[0960] – 20.00934	FbxFh < 1400x3000	
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 34 (-1;-4) 41 (-2;-4) 50 (-2;-8)	Doors: 36 (-3;-6) 38 (-3;-5) 41 (-1;-3)	[0757] – 18-000457-PR03 (GAS-C01-04-en-01)	FbxFh = 889-1279 x 2062-2452
	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] – 21.00162	FbxFh < 1338x2352	
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	0	[0960] – 22.00323	FbxFh < 1400x2990 353 kg	
	4.17	Mechanical strength	4	[0960] – 22.00323	FbxFh < 1400x2990 353 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	7 (500.000)	[0960] – 22.00323	FbxFh < 1400x2990 353 kg	
	4.22	Behaviour between different climates	npd			
	4.23	Burglar resistance (AP version)	RC2 RC3	[1309] – 22-27/10.120 [1136] – GSFM-20-083	See report	

Certification Body
Date of issue:

Budapest, 2022-06-28



 Kristof Kertesz

Flush doors / Double-inward opening / Automatic bottom seal


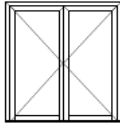
Characteristic		Performance	Notified body - Report		Limits (mm)	
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	B2 (800 Pa)	[0960] – 21.00162	FbxFh < 1352x2500	
	4.5	Watertightness	3A (100 Pa)	[0960] – 21.00162	FbxFh < 1352x2500	
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.			
	4.7	Impact resistance	5 ⁽¹⁾	[0960] – SKG/HRU/age/12.0649 ⁽²⁾	FbxFh > 649x1742	
	4.8	Load-bearing capacity of safety devices	Pass	[0960] – 20.00934	FbxFh < 1400x3000	
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 34 (-1;-4) 41 (-2;-4) 50 (-2;-8)	Doors: 33 (-2;-5) 34 (-1;-3) 35 (-1;-2)	[0757] – 18-000457-PR03 (GAS-C01-04-en-01)	FbxFh = 889~1200 x 2062~2452
	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	2	[0960] – 21.00162	FbxFh < 1352x2500	
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	0	[0960] – 22.00323	FbxFh < 1400x2990 353 kg	
	4.17	Mechanical strength	4	[0960] – 22.00323	FbxFh < 1400x2990 353 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	7 (500.000)	[0960] – 22.00323	FbxFh < 1400x2990 353 kg	
	4.22	Behaviour between different climates	npd			
	4.23	Burglar resistance (AP version)	RC2 RC3	[1309] – 22-27/10.120 [1136] – GSFM-20-083	See report	

Certification Body
Date of issue:

Budapest, 2022-06-28



Kristof Kertesz

Flush doors / Double-outward opening / Brush


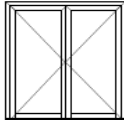
Characteristic		Performance		Notified body - Report	Limits (mm)	
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	B2 (800 Pa)		[0960] – 21.00162	FbxFh < 1352x2350
	4.5	Watertightness	4A (150 Pa)		[0960] – 21.00162	FbxFh < 1352x2350
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.			
	4.7	Impact resistance	5 ⁽¹⁾		[0960] – SKG/HRU/age/12.0649 ⁽²⁾	FbxFh > 649x1742
	4.8	Load-bearing capacity of safety devices	Pass		[0960] – 20.00710.1	FbxFh < 1400x3000
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 34 (-1;-4)	Doors: 23 (-1;-2)	[0757] – 18-000457-PR03 (GAS-C01-04-en-01)	FbxFh = 889~1279 x 2062~2452
	4.12	Thermal transmittance	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 1230x2180mm 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	2		[0960] – 21.00162	FbxFh < 1352x2350
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	0		[0960] – 22.00323	FbxFh < 1400x2990 353 kg
	4.17	Mechanical strength	4		[0960] – 22.00323	FbxFh < 1400x2990 353 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	7 (500.000)		[0960] – 22.00323	FbxFh < 1400x2990 353 kg
	4.22	Behaviour between different climates	npd			
4.23	Burglar resistance (AP version)	RC2 RC3		[1309] – 22-27/10.120 [1136] – GSFM-20-083	See report	

Certification Body
Date of issue:

Budapest, 2022-06-28



 Kristof Kertesz

Flush doors / Double-outward opening / Bottom profile


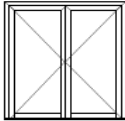
Characteristic		Performance	Notified body - Report	Limits (mm)		
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa)	[0960] – 21.00162	FbxFh < 1339x2352	
	4.5	Watertightness	7A (300 Pa)	[0960] – 21.00162	FbxFh < 1339x2352	
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.			
	4.7	Impact resistance	5 ⁽¹⁾	[0960] – SKG/HRU/age/12.0649 ⁽²⁾	FbxFh > 649x1742	
	4.8	Load-bearing capacity of safety devices	Pass	[0960] – 20.00710.1	FbxFh < 1400x3000	
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 34 (-1;-4) 41 (-2;-4) 50 (-2;-8)	Doors: 36 (-3;-6) 38 (-3;-5) 41 (-1;-3)	[0757] – 18-000457-PR03 (GAS-C01-04-en-01)	FbxFh = 889~1279 x 2062~2452
	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] – 21.00162	FbxFh < 1339x2352	
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	0	[0960] – 22.00323	FbxFh < 1400x2990 353 kg	
	4.17	Mechanical strength	4	[0960] – 22.00323	FbxFh < 1400x2990 353 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	7 (500.000)	[0960] – 22.00323	FbxFh < 1400x2990 353 kg	
	4.22	Behaviour between different climates	npd			
	4.23	Burglar resistance (AP version)	RC2 RC3	[1309] – 22-27/10.120 [1136] – GSFM-20-083	See report	

Certification Body
Date of issue:

Budapest, 2022-06-28



Kristof Kertesz

Flush doors / Double-outward opening / Automatic bottom seal


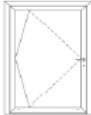
Characteristic		Performance	Notified body - Report	Limits (mm)		
Essential characteristics						
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa)	[0960] – 21.00162	FbxFh < 1352x2500	
	4.5	Watertightness	3A (100 Pa)	[0960] – 21.00162	FbxFh < 1352x2500	
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.			
	4.7	Impact resistance	5 ⁽¹⁾	[0960] – SKG/HRU/age/12.0649 ⁽²⁾	FbxFh > 649x1742	
	4.8	Load-bearing capacity of safety devices	Pass	[0960] – 20.00710.1	FbxFh < 1400x3000	
	4.9	Height & width	See 6			
	4.11	Acoustic performance	Glass: 34 (-1;-4) 41 (-2;-4) 50 (-2;-8)	Doors: 33 (-2;-5) 34 (-1;-3) 35 (-1;-2)	[0757] – 18-000457-PR03 (GAS-C01-04-en-01)	FbxFh = 889~1200 x 2062~2452
	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	2	[0960] – 21.00162	FbxFh < 1352x2500	
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	0	[0960] – 22.00323	FbxFh < 1400x2990 353 kg	
	4.17	Mechanical strength	4	[0960] – 22.00323	FbxFh < 1400x2990 353 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	7 (500.000)	[0960] – 22.00323	FbxFh < 1400x2990 353 kg	
	4.22	Behaviour between different climates	npd			
	4.23	Burglar resistance (AP version)	RC2 RC3	[1309] – 22-27/10.120 [1136] – GSFM-20-083	See report	

Certification Body
Date of issue:

Budapest, 2022-06-28



 Kristof Kertesz

Pivot door


	Characteristic	Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	4.2	Resistance to wind load	C3 (1200 Pa)	[0960] – 19.00305 ⁽⁵⁾	FbxFh < 1700x2700
	4.5	Watertightness	4A (150 Pa)	[0960] – 19.00305 ⁽⁵⁾	FbxFh < 1700x2700
	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	Pass	[0960] – 18.01316	FbxFh < 1700x2700
	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	[0960] – 19.00305 ⁽⁵⁾	FbxFh < 1700x2700
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] – 18.01316	FbxFh < 1700x2700 204 kg
	4.17	Mechanical strength	4	[0960] – 18.01316	FbxFh < 1700x2700 204 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	5 (100 000)	[0960] – 18.01316	FbxFh < 1700x2700 204 kg
	4.22	Behaviour between different climates	npd		
	4.23	Burglar resistance (AP version)	RC2	[1136] – CAR-19-075 [1136] – CAR-19-257	See report

⁽⁵⁾ With double manual lock

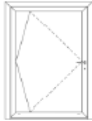
Certification Body
Date of issue:

Budapest, 2022-06-28



.....

Kristof Kertesz

Pivot door XL


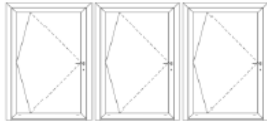
Characteristic		Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	4.2	Resistance to wind load	C2 (800 Pa)	[0960] – 20.00498	FbxFh < 2000x3200
	4.5	Watertightness	4A (150 Pa)	[0960] – 20.00498	FbxFh < 2000x3200
	4.6	Dangerous substances	In the materials delivered 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	Pass	[0960] – 21.00298	FbxFh < 2500x3559
	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-420-72-100772.		
	4.13	Radiation properties	These properties must be evaluated by the CE-label of the glass		
	4.14	Air permeability	3	[0960] – 20.00498	FbxFh < 2000x3200
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	[0960] – 21.00298	FbxFh < 2500x3559 488 kg
	4.17	Mechanical strength	4	[0960] – 21.00298	FbxFh < 2500x3559 488 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	5 (100 000)	[0960] – 21.00298	FbxFh < 2500x3559 488 kg
	4.22	Behaviour between different climates	npd		
	4.23	Burglar resistance (AP version)	npd		

Certification Body
Date of issue:

Budapest, 2022-06-28



Kristof Kertesz

Multi-leaf pivot door XL


Characteristic		Performance	Notified body - Report	Limits (mm)	
Essential characteristics					
EN 14351-1	4.2	Resistance to wind load	B2 (800 Pa)	[0960] – 20.00737	FbxFh < 1865x3500
	4.5	Watertightness	npd		
	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	Pass	[0960] – 21.00298	FbxFh < 2500x3559
	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	2	[0960] – 20.00737	FbxFh < 1865x3500
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	[0960] – 21.00298	FbxFh < 2500x3559 488 kg
	4.17	Mechanical strength	4	[0960] – 21.00298	FbxFh < 2500x3559 488 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	5 (100 000)	[0960] – 21.00298	FbxFh < 2500x3559 488 kg
	4.22	Behaviour between different climates	npd		
	4.23	Burglar resistance (AP version)	npd		

Certification Body
Date of issue:

Budapest, 2022-06-28



.....
Kristof Kertesz