

Report number: HU22QWUI 001

Manufacturer:	Masterline 8 with glazing Profil: Reynaers Aluminium NV/SA Oude Liersebaan 266 B.2570 Duffel – BELGIUM				
	Door: ALUSTRUKT-PLUS KFT. 4080 Hajdúnánás, Liget út 8.				
Manufacturing plant:	ALUSTRUKT-PLUS KFT. 4080 Hajdúnánás, Pázsit utca 35. Hungary				
Client:	ALUSTRUKT-PLUS KFT. 4080 Hajdúnánás, Liget út 8. Hungary				
ASSESSMENT					
Method:	Testing and evaluating				
Basis:	EN 14351-1				
Report(s):					
Test report(s):	See reports listed at point 3.(tables)				
Declaration(s):	Declaration for the Alustrukt-Plus Kft				
	Classification reports according to EN 14351-7 (Masterline 8 doors 220526 Product pass)., issued: 2022. May 26.				
Summary	The product(s) was evaluated based on the protocols listed above.				
The assessment report made by:	The assessment report reviewed by:				
	Client: ASSESSMENT Method: Basis: Report(s): Test report(s): Declaration(s): Summary The assessment report made				

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- 1. PRODUCT, ENDUSE APPLICATION(S)
 Aluminium door-/frame construction type Masterline 8 with glazing.
- 2. DOCUMENTS, WHICH USED FOR THE ASSESSMENT Report(s):

Classification reports according to EN 14351-1 (Masterline 8 doors 220526 Product pass)., issued: 2022. May 26.Declaration for the Alustrukt-Plus Kft.

- 3. BASED OF THE DOCUMENTS, USED FOR THE EVALUATION OF PRODUCTS, THE FOLLOWING EVALUATION HAS BEEN DETERMINED
- 3.1. Flush doors / Single-inward opening / Brush



		Characteristic	Perform	ance	Notified body - Report	Limits (mm)	
			Essen	tial characte	eristics		
	4.2	Resistance to wind load	C2 (800) Pa)	[0960] - 21.00162	FbxFh < 1352x2204	
51-1	4.5	Watertightness	4A (150	Pa)	[0960] - 21.00162	FbxFh < 1352x2204	
	4.6	Dangerous substances	In the mate	erials deliver	ed by Reynaers, no dangerous in hEN 14351-1 are used.	s substances as indicated	
	4.7	Impact resistance	5 (1)	[0960] - 09.1168 (2)	FbxFh > 604x1739	
	4.8	Load-bearing capacity of safety devices	Pas	s	[0960] – 20.00934	FbxFh < 1400x3000	
EN 14351-1	4.9	Height & width	2.	3	See 6	že –	
E	4.11	Acoustic performance	Glass: Door 34 (-1;-4) 23 (-1;		[0757] - 18-000457- PR03 (GAS-C01-04-en- 01)	FbxFh = 889~1304 x 2062~2942	
	4.12	Thermal transmittance	dimensions 1		in function of the project. Pre- 30x2180mm can be found in the d under certification of BCCA: 10077/2.	e Uf-value tables.	
	4.13	Radiation properties	These prope		s must be evaluated by the CE	E-label of the glass	
	4.14	Air permeability	2		[0960] - 21.00162	FbxFh < 1352x2204	
			Non-esse	ential chara	cteristics		
	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	
7	4.18	Ventilation		npo		40	
EN 14351-1	4.19	Bullet resistance (BP version)			npd		
m	4.20	Explosion resistance			npd		
	4.21	Resistance to repeated opening and closing	8 (1.000 000)		[0960] - 20.00934	FbxFh < 1400x3000 250 kg	
	1	Behaviour between	(1.000 000)		npd		
	4.22	different climates			пра		



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3.2. Flush doors / Single-inward opening / Bottom profile





Characteristic		Performance		Notified body - Report	Limits (mm)	
			Essent	tial characteri	stics	
	4.2	Resistance to wind load	C3 (1200 C2 (800		[0960] - 19.00840 [0960] - 21.00162	FbxFh < 1200x2200 FbxFh < 1400x2600
10	4.5	Watertightness	7A (300	Pa)	[0960] - 19.00840 [0960] - 21.00162	FbxFh < 1200x2200 FbxFh < 1400x2600
	4.6	Dangerous substances	In the mate	erials delivered	by Reynaers, no dangerous in hEN 14351-1 are used.	s substances as indicated
8	4.7	Impact resistance	5 (1)		[0960] - 09.1168 (2)	FbxFh > 604x1739
Ξ	4.8	Load-bearing capacity of safety devices	Pass	s	[0960] - 20.00934	FbxFh < 1400x3000
EN 14351-1	4.9	Height & width		100	See 6	
ū	4.11	Acoustic performance	Glass: Doors 34 (-1;-4) 37 (-2;- 41 (-2;-4) 39 (-2;- 50 (-2;-8) 43 (-2;-4		[0757] – 18-000457- PR03 (GAS-C01-04- en-01)	FbxFh = 889~1279 x 2062~2452
	4.12	Thermal transmittance	Ud to be calculated in dimensions 123		function of the project. Pre- x2180mm can be found in th under certification of BCCA: 10077/2.	e Uf-value tables.
	4.13	Radiation properties	These proper		must be evaluated by the CE	E-label of the glass
38	4.14	Air permeability	4		[0960] - 19.00840 [0960] - 21.00162	FbxFh < 1200x2200 FbxFh < 1400x2600
- 3			Non-esse	ential characte	eristics	
	4.4.1	Reaction to fire	Anodized Painted Gasket	: A2 ce	EC decision 96/603/EC ertificate EFR-21-001664A [0432] – 230006500-6	
1	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		2	
EN 14351-1	4.19	Bullet resistance (BP version)			npd	
ш	4.20	Explosion resistance			npd	
	4.21	Resistance to repeated opening and closing	8 (1.000 000)		[0960] - 20.00934	FbxFh < 1400x3000 250 kg
13	4.22	Behaviour between different climates		9:	npd	2
	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 \leq 1050 x 2200. For casement W x H \leq 1304 x 2942: 42 (-2;-4)



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3.3. Flush doors / Single-inward opening / Automatic bottom seal



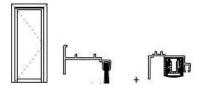


	1	Characteristic	Perform	ance	Notified body - Report	Limits (mm)	
			Essen	tial characte	ristics	9. 	
	4.2	Resistance to wind load	C2 (800	Pa)	[0960] - 21.00162	FbxFh < 1352x2207	
	4.5	Watertightness	5B (200	Pa)	[0960] – 21.00162	FbxFh < 1352x2207	
	4.6	Dangerous substances	In the mate	erials delivere	ed by Reynaers, no dangerous in hEN 14351-1 are used.	s substances as indicated	
	4.7	Impact resistance	5 (1)		[0960] - 09.1168 (2)	FbxFh > 604x1739	
7	4.8	Load-bearing capacity of safety devices	Pas	s	[0960] - 20.00934	FbxFh < 1400x3000	
EN 14351-1	4.9	Height & width			See 6		
EN	4.11	Acoustic performance	Glass: Door 34 (-1;-4) 33 (-2; 41 (-2;-4) 34 (-1; 50 (-2;-8) 35 (-1;		[0757] – 18-000457- PR03 (GAS-C01-04-en- 01)	FbxFh = 889~1200 x 2062~2942	
	4.12	Thermal transmittance	Ud to be calculated dimensions		ted in function of the project. Pre-calculated U-values for 1230x2180mm can be found in the Uf-value tables. lated under certification of BCCA: certificate BPCB-420-72-10077/2.		
	4.13	Radiation properties	These prope		s must be evaluated by the CE	E-label of the glass	
	4.14	Air permeability	3		[0960] – 21.00162	FbxFh < 1352x2207	
			Non-esse	ential charac	cteristics		
	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			
EN 14351-1	4.19	Bullet resistance (BP version)			npd		
Ē	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		[1309] - 22-27/10.120 [1136] - GSFM-20-083	See report	



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



		Characteristic	Performance	Notified body - Report	Limits (mm)					
	84	.	Essential chara	acteristics	*					
	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 deli	aterials delivered by Reynaers, no dangerous substances as in in hEN 14351-1 are used.						
	4.7	Impact resistance	5 (1)	5 ⁽¹⁾ [0960] – 09.1168 ⁽²⁾ FbxFh > 604						
51-1	4.8	Load-bearing capacity of safety devices	80	npd						
EN 14351-1	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-420-7: 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 ch	aracteristics						
	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						
EN 14351-1	4.19	Bullet resistance (BP version)		npd						
Ē	4.20	Explosion resistance	npd							
	4.21	Resistance to repeated opening and closing	npd							
	4.22	Behaviour between different climates	8:	npd						
	4.23	Burglar resistance (AP version)		npd						



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3.5. Flush doors / Single-outward opening / Brush





		Characteristic	Perform	ance	Notified body - Report	Limits (mm)	
			Essen	tial characte	ristics		
	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 mate	erials delivere	ed by Reynaers, no dangerous in hEN 14351-1 are used.	substances as indicated	
	4.7	Impact resistance	5 (1)		[0960] - 09.1168 (2)	FbxFh > 604x1739	
351-1	4.8	Load-bearing capacity of safety devices	Pas	s	[0960] – 20.00710.1	FbxFh < 1400x3000	
EN 14351-1	4.9	Height & width		Åø	See 6		
ш	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	dimensions 1		ed in function of the project. Pre-calculated U-values for 1230x2180mm can be found in the Uf-value tables. ated under certification of BCCA: certificate BPCB-420-72- 10077/2.		
	4.13	Radiation properties	These proper		s must be evaluated by the CE	-label of the glass	
	4.14	Air permeability	2		[0960] – 21.00162	FbxFh < 1352x2204	
3			Non-ess	ential charac	cteristics		
	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	
Ψ.	4.18	Ventilation		\$	npd		
EN 14351-1	4.19	Bullet resistance (BP version)			npd		
Ē	4.20	Explosion resistance	*		npd		
	4.21	Resistance to repeated opening and closing	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	



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3.6. Flush doors / Single-outward opening / Bottom profile





Characteristic		Performance		Notified body - Report	Limits (mm)	
			Essent	tial characte	ristics	
	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 mate	erials delivere	d by Reynaers, no dangerous in hEN 14351-1 are used.	substances as indicated
	4.7	Impact resistance	5 (1)		[0960] - 09.1168 ⁽²⁾	FbxFh > 604x1739
₹	4.8	Load-bearing capacity of safety devices	Pas	s	[0960] - 20.00710.1	FbxFh < 1400x3000
EN 14351-1	4.9	Height & width		71	See 6	
E E	4.11	Acoustic performance	Glass: Door 34 (-1;-4) 37 (-2 41 (-2;-4) 39 (-2 50 (-2;-8) 43 (-2;-		PRU3 (GAS-CU1-U4-	FbxFh = 889~1279 x 2062~2452
	4.12	Thermal transmittance	Ud to be calculate dimensions 1		ed in function of the project. Pre-calculated U-values for 1230x2180mm can be found in the Uf-value tables. ated under certification of BCCA: certificate BPCB-420-72 10077/2.	
	4.13	Radiation properties	These proper		must be evaluated by the CE	-label of the glass
	4.14	Air permeability	4		[0960] – 21.00162	FbxFh < 1400x2600
- 8		10	Non-esse	ential charac	teristics	
8	4.4.1	Reaction to fire	Anodize Painted Gasket	: A2	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
7	4.18	Ventilation			npd	
N 14351-1	4.19	Bullet resistance (BP version)			npd	
Ē	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)



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3.7. Flush doors / Single-outward opening / Automatic bottom seal





	Characteristic		Perform	ance	Notified body - Report	Limits (mm)
8	2 3	%	Essen	tial character	ristics	
	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 mate	erials delivere	d by Reynaers, no dangerous in hEN 14351-1 are used.	substances as indicated
EN 14351-1	4.7	Impact resistance	5 (1)	[0960] - 09.1168 ⁽²⁾	FbxFh > 604x1739
	4.8	Load-bearing capacity of safety devices	Pas	s	[0960] - 20.00710.1	FbxFh < 1400x3000
1435	4.9	Height & width		*	See 6	
N -	4.11	Acoustic performance	Glass: Doors: 34 (-1;-4) 33 (-2;-41 (-2;-4) 34 (-1;-50 (-2;-8) 35 (-1;-		[0757] – 18-000457- PR03 (GAS-C01-04-en- 01)	FbxFh = 889~1200 x 2062~2942
	4.12	Thermal transmittance	Ud to be calculate dimensions 1		ed in function of the project. Pre-calculated U-values for 1230x2180mm can be found in the Uf-value tables. ated under certification of BCCA: certificate BPCB-420-72 10077/2.	
	4.13	Radiation properties	These propert		must be evaluated by the CE	-label of the glass
	4.14	Air permeability	3		[0960] - 21.00162	FbxFh < 1352x2204
			Non-ess	ential charac	teristics	
	4.4.1	Reaction to fire	Anodized: A1 Painted: A2 Gaskets: E		EC decision 96/603/EC ertificate 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
7	4.18	Ventilation			npd	
14351-I	4.19	Bullet resistance (BP version)			npd	
Z	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		200	npd	
	4.23	Burglar resistance (AP version)	RC:		[1309] – 22-27/10.120 [1136] – GSFM-20-083	See report

⁽³⁾ Automatic bottom seal + Brush



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3.8. Window doors / Single-outward opening



		Characteristic	Performance	Notified body - Report	Limits (mm)					
	47	The state of the s	Essential chara	acteristics						
	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 deli	In the materials delivered by Reynaers, no dangerous substances as indicate in hEN 14351-1 are used.						
	4.7	Impact resistance	5 (1) [0960] - 09.1168 (2) FbxFh > 604x17							
21-1	4.8	Load-bearing capacity of safety devices	2	npd	-					
EN 14351-1	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.							
	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					
	534	CC.	Non-essential ch	aracteristics						
	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						
T	4.18	Ventilation		npd						
EN 14351-1	4.19	Bullet resistance (BP version)	3	npd						
ú	4.20	Explosion resistance	npd							
	4.21	Resistance to repeated opening and closing	npd							
	4.22	Behaviour between different climates	3	npd						
	4.23	Burglar resistance (AP version)		npd						



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3.9. Flush doors / Double-inward opening / Brush





		Characteristic	Perform	ance	Notified body - Report	Limits (mm)	
			Essent	tial character	ristics		
	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 mate	erials delivere	d by Reynaers, no dangerous in hEN 14351-1 are used.	substances as indicated	
	4.7	Impact resistance	5 (1)		[0960] – SKG/HRU/age/12.0649 ⁽²⁾	FbxFh > 649x1742	
1-1	4.8	Load-bearing capacity of safety devices	Pas	s	[0960] - 20.00934	FbxFh < 1400x3000	
EN 14351-1	4.9	Height & width		ži.	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	dimensions 1		ed in function of the project. Pre-calculated U-values for 1230x2180mm can be found in the Uf-value tables. ated under certification of BCCA: certificate BPCB-420-72-10077/2.		
	4.13	Radiation properties	These proper		must be evaluated by the CE	-label of the glass	
	4.14	Air permeability	2		[0960] – 21. <mark>0</mark> 0162	FbxFh < 1352x2350	
30		d o	Non-esse	ential charac	teristics		
90	4.4.1	Reaction to fire	Anodized: A1 Painted: A2 Gaskets: E		EC decision 96/603/EC ertificate 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			
EN 14351-1	4.19	Bullet resistance (BP version)			npd		
ū	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		I	npd		
	4.23	Burglar resistance (AP version)	RC2 RC3		[1309] – 22-27/10.120 [1136] – GSFM-20-083	See report	



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3.10. Flush doors / Double-inward opening / Bottom profile





Characteristic		Performance		Notified body - Report	Limits (mm)		
			Essen	tial character	istics	3	
	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 mate	erials delivere	d by Reynaers, no dangerous in hEN 14351-1 are used.	substances as indicated	
	4.7	Impact resistance	5 (1		[0960] – SKG/HRU/age/12.0649 ⁽²⁾	FbxFh > 649x1742	
~	4.8	Load-bearing capacity of safety devices	Pas	s	[0960] - 20,00934	FbxFh < 1400x3000	
EN 14351-1	4.9	Height & width	*		See 6	9	
EN	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 calculate dimensions 2		ed in function of the project. Pre-calculated U-values for 2000x2180mm can be found in the Uf-value tables. lated under certification of BCCA: certificate BPCB-420-72-10077/2.		
	4.13	Radiation properties	The	se properties	must be evaluated by the CE	-label of the glass	
	4.14	Air permeability	3		[0960] - 21.00162	FbxFh < 1338x2352	
		R	Non-esse	ential charac	teristics		
	4.4.1	Reaction to fire	Anodize Painted Gasket	: A2 c	EC decision 96/603/EC ertificate EFR-21-001664A [0432] – 230006500-6		
	4.16	Operating forces	0		[0960] - 22.00323	FbxFh < 1400x2990 353 kg	
	4.17	Mechanical strength	4		[0960] - 22.00323	FbxFh < 1400x2990 353 kg	
-	4.18	Ventilation		npd			
EN 14351	4.19	Bullet resistance (BP version)			npd		
Ē	4.20	Explosion resistance			npd		
	4.21	Resistance to repeated opening and closing	(500.000)		[0960] - 22.00323	FbxFh < 1400x2990 353 kg	
	4.22	Behaviour between different climates		1. 3 22:	npd	s	
	4.23	Burglar resistance (AP version)	RC:		[1309] – 22-27/10.120 [1136] – GSFM-20-083	See report	



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3.11. Flush doors / Double-inward opening / Automatic bottom seal





		Characteristic	Perform	ance	Notified body - Report	Limits (mm)	
- 24		W.	Essen	tial characte	ristics		
	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 mate	erials delivere	d by Reynaers, no dangerous in hEN 14351-1 are used.	substances as indicated	
	4.7	Impact resistance	5 (1)	[0960] – SKG/HRU/age/12.0649 ⁽²⁾	FbxFh > 649x1742	
7	4.8	Load-bearing capacity of safety devices	Pas	s	[0960] – 20.00934	FbxFh < 1400x3000	
EN 14351-1	4.9	Height & width			See 6		
W.	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 calculate dimensions 2		ted in function of the project. Pre-calculated U-values for 2000x2180mm can be found in the Uf-value tables. lated under certification of BCCA: certificate BPCB-420-72-10077/2.		
	4.13	Radiation properties	The	ese properties	must be evaluated by the CE	-label of the glass	
	4.14	Air permeability	2	8	[0960] - 21.00162	FbxFh < 1352x2500	
		37	Non-ess	ential charac	teristics		
	4.4.1	Reaction to fire	Anodize Painted Gasket	1: A2	EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6		
	4.16	Operating forces	0	26	[0960] – 22. <mark>0</mark> 0323	FbxFh < 1400x2990 353 kg	
	4.17	Mechanical strength	4		[0960] - 22.00323	FbxFh < 1400x2990 353 kg	
~	4.18	Ventilation			npd		
EN 14351-1	4.19	Bullet resistance (BP version)	8		npd		
Ū	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	8		npd		
	4.23	Burglar resistance (AP version)	RC:	The state of the s	[1309] – 22-27/10.120 [1136] – GSFM-20-083	See report	



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3.12. Flush doors / Double-outward opening / Brush





Characteristic			Performance		Notified body - Report	Limits (mm)	
			Essen	tial character	istics		
	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 mate	erials delivered	d by Reynaers, no dangerous in hEN 14351-1 are used.	substances as indicated	
	4.7	Impact resistance	5 (1)		[0960] – SKG/HRU/age/12.0649 ⁽²⁾	FbxFh > 649x1742	
1-1	4.8	Load-bearing capacity of safety devices	Pass		[0960] – 20.00710.1	FbxFh < 1400x3000	
EN 14351-1	4.9	Height & width	See 6				
Ш	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-esse	ential charact	teristics		
	4.4.1	Reaction to fire	Anodized: A1 Painted: A2 Gaskets: E		EC decision 96/603/EC ertificate 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			And the second s	
EN 14351-1	4.19	Bullet resistance (BP version)	npd				
Ē	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			8	
	4.23	Burglar resistance (AP version)	RC2 RC3		[1309] - 22-27/10.120 [1136] - GSFM-20-083	See report	



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3.13. Flush doors / Double-outward opening / Bottom profile





Characteristic		Performance		Notified body - Report	Limits (mm)	
			Essen	tial characte	eristics	
8	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 sub in hEN 14351-1 are used.			substances as indicated
	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
EN 14351-1	4.9	Height & width	See 6			
Z II	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 glas			-label of the glass
	4.14	Air permeability	3		[0960] – 21.00162	FbxFh < 1339x2352
			Non-ess	ential charac	cteristics	
-	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			
EN 14351-1	4.19	Bullet resistance (BP version)	npd			
ū	4.20	Explosion resistance			npd	
8	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



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3.14. Flush doors / Double-outward opening /Automatic bottom seal





Characteristic			Performance		Notified body - Report	Limits (mm)	
			Essen	tial characte	eristics		
	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 deliver		vered 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	
Ξ	4.8	Load-bearing capacity of safety devices	Pass		[0960] - 20.00710.1	FbxFh < 1400x3000	
EN 14351-1	4.9	Height & width	See 6			3	
M	4.11	Acoustic performance	Glass: Door 34 (-1;-4) 33 (-2; 41 (-2;-4) 34 (-1; 50 (-2;-8) 35 (-1;		[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 eva		s must be evaluated by the CE	-label of the glass	
	4.14	Air permeability	2		[0960] - 21.00162	FbxFh < 1352x2500	
	2		Non-ess	ential chara	cteristics		
	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				
EN 14351-1	4.19	Bullet resistance (BP version)			npd		
Ē	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	



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3.15. Pivot door



		Characteristic	Performance	Notified body - Report	Limits (mm)		
		*	Essential chara	acteristics			
	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				
21-1	4.8	Load-bearing capacity of safety devices	Pass	[0960] – 18.01316	FbxFh < 1700x2700		
EN 14351-1	4.9	Height & width	See 6				
ш	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		
37		>	Non-essential ch	aracteristics			
83	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				
EN 14351-1	4.19	Bullet resistance (BP version)	npd				
Ī	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



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3.16. Pivot door XL

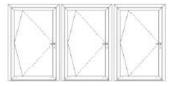


Characteristic			Performance	Notified body - Report	Limits (mm)			
			Essential char	acteristics				
200	4.2	Resistance to wind load	C2 (800 Pa)	[0960] - 20.00498	FbxFh < 2000x3200			
	4.5	Watertightness	4A (150 Pa)	[0960] - 20.00498	FbxFh < 2000x3200			
	4.6	Dangerous substances	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used.					
	4.7	Impact resistance	npd					
21-1	4.8	Load-bearing capacity of safety devices	Pass	[0960] – 21.00298	FbxFh < 2500x3559			
EN 14351-1	4.9	Height & width	See 6					
ш	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] - 20.00498	FbxFh < 2000x3200			
37			Non-essential ch	aracteristics				
7	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					
EN 14351-1	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					



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3.17. Multi-leaf pivot door XL



Characteristic		Characteristic	Performance	Notified body - Report	Limits (mm)			
			Essential chara	acteristics				
	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					
21-1	4.8	Load-bearing capacity of safety devices	Pass	[0960] – 21.00298	FbxFh < 2500x3559			
EN 14351-1	4.9	Height & width	See 6					
ш	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 ch	aracteristics				
	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			
7	4.18	Ventilation	npd					
EN 14351-1	4.19	Bullet resistance (BP version)	npd					
Ш	4.20	Explosion resistance	npd					
	4.21	Resistance to repeated opening and closing	5 (100 000)	[0960] – 21.00298	FbxFh < 2500x3559 488 kg			
	4.22	Behaviour between different climates	npd					
	4.23	Burglar resistance (AP version)						



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4. VALIDITY

The assessment remains valid provided that the test methods and / or the factory production control requirements specified by the standard for verifying the declared performance characteristics remain unchanged and the manufacturing conditions applied on the product and site (s) remain unchanged.

5. Remarks

The size limits and the dimensions of the doors, and the type and size of the glazing according to the former tables at point 3.