

Performance characteristics												
Characteristics / value / unit	Classification / value										Grade / tested max. value	
Resistance against wind loading Testing pressure P1 (Pa)	npd	1 (400)	2 (800)	3 (1200)	4 (1600)	5 (2000)	E xxx (>2000)				4 (2)*	
Resistance against wind loading Frame deflexion	npd	A (=1/150)			B (=1/200)			C (=1/300)			B	
Watertightness Exposed (A) Testing pressure (P)	npd	1A (0)	2A 50	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>600)	9A
Air permeability Maximum Testing pressure (P) Reference permeability	npd	1 (150) 50 or 12,5		2 (300) 27 or 6,75		3 (600) 9 or 2,25		4 (600) 3 or 0,75			4	
Dangerous substances	All materials in accordance with the REACH regulation (refer to point 8.31)										Non	
	Non					Specification of values in accordance with						
Thermal transmission coefficient	npd	Calculated value in accordance with DIN EN ISO 10077-1										1,4 W/(m²K)
Sound insulation	npd	Calculated value in accordance with EN 14351-1:2006+A1:2010, Table Annex B										npd
Load-bearing capacity of safety installations	npd	In accordance with EN 14351-1:2006+A1:2010										fulfilled

* = without static elements

Performance characteristics							
Characteristics / value / unit	Classification / value						Grade / tested max. value
Impact resistance Height of fall in mm	npd	200	300	450	700	950	1
Classification		1	2	3	4	5	
Clear width x height (Balcony-doors)	npd	2236 x 2290					
Durability	npd	2					
Radiation properties	npd	overall energy transmittance g		Light transmittance rate t		In accordance with the glazing's Ü or CE marking	
Mechanical strength	npd	0	1	2	3	4	3

The wind load grades' statics values are subject to frame deflexion, in particular the floating mullion, fixed mullion and/or mullion and transom construction and can deviate depending on the element version and the statics calculation.

The dimensions of the fixed mullions and transoms as well as the floating mullion dimensions are to be determined in such a way that the static requirements are optimised and other wind load grades are fulfilled (For more details refer to chapter: Resistance against wind loading and statics calculation)

The hardware configuration is permissible up to wind load grade 5. Particular specifications regarding maximum sash sizes are to be observed for this (refer to chapter 6, Hardware technology).

Example:

Floating mullion profile	IV 68/78	Sash height 2480	B2
Floating mullion profile	IV 68/92	Sash height 2480	B3
Floating mullion profile	IV 68/104	Sash height 2480	C3 / B4
Floating mullion profile	IV 78/84	Sash height 2480	C3 / B4

In accordance with EN 14351-1:2006+A1:2010
ITT No.: 08/07-A192-Z1

Element version:

One and two-sashed window element with GU JET Turn-Only / Tilt&Turn window hardware.

Element size frame external dimension W x H:

Total 2520 x 1,500 mm

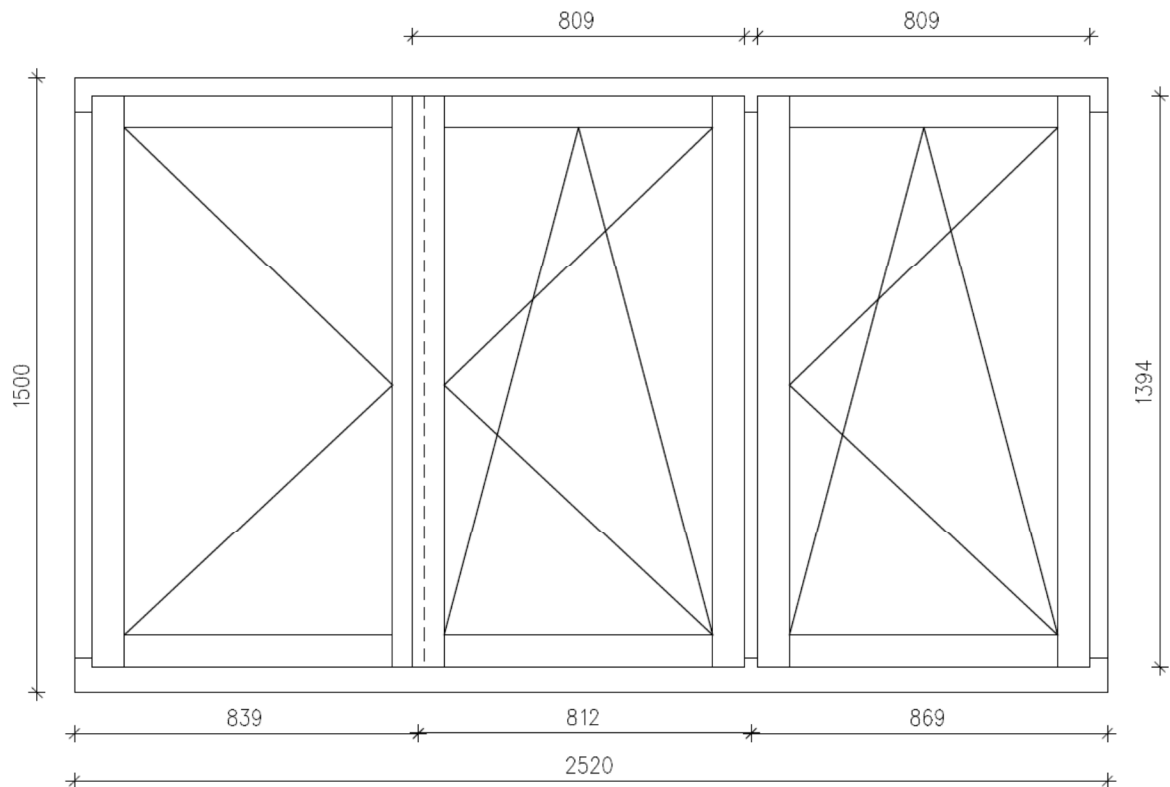
One-sashed TU-ON / T&T window element 870 x 1,400 mm

Two-sashed balcony-door 1650 x 1,400 mm

Version: Frame IV 68

Sash IV 68

Fixed mullion IV 68 (fixed mullion width 100)



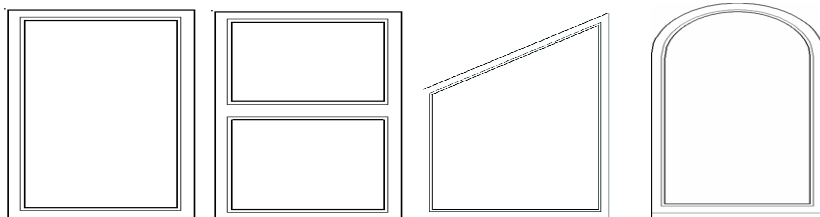
Performance characteristics												
Characteristics / value / unit	Classification / value											Grade / tested max. value
Resistance against wind loading Testing pressure P1 (Pa)	npd	1 (400)	2 (800)	3 (1200)	4 (1600)	5 (2000)	E xxx (>2000)					5
Resistance against wind loading frame deflexion	npd	A (=1/150)			B (=1/200)			C (=1/300)			C	
Watertightness Exposed (A) Testing pressure (P)	npd	1A (0)	2A 50	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>600)	9A
Air permeability Maximum Testing pressure (P) Reference permeability at 100 Pa m³ (h x m)	npd	1 (150) 50 or 12,5		2 (300) 27 or 6,75		3 (600) 9 or 2,25		4 (600) 3 or 0,75			4	
Dangerous substances	All materials in accordance with the REACH regulation (refer to point 8.31)											Non
	Non					Specification of values in accordance with REACH						
Thermal transmission coefficient	npd	Calculated value in accordance with DIN EN ISO 10077-1										W/(m²K)
Sound insulation	npd	Calculated value in accordance with EN 14351-1:2006+A1:2010, Table Annex B										npd
Load-bearing capacity of safety installations	npd	In accordance with EN 14351-1:2006+A1:2010										npd
Impact resistance Height of fall in mm	npd	200	300	450	700	950	2					
Classification		1	2	3	4	5						
Clear width x height (Balcony-doors)	npd	npd										
Durability	npd	2										
Radiation properties	npd	overall energy transmittance g				Light transmittance rate t			In accordance with the glazing's Ü or CE marking			
Mechanical strength	npd	0	1	2	3	4	3					

8.45 Fixed glazing

IV 56, IV 68/72, IV 78, IV 88, IV 92, IV 110

These specifications are the maximum declarable values.

Element sizes, frame external dimensions as well as profile designs shall be carried out in accordance with the guidelines in the chapter: Design variants & statics.

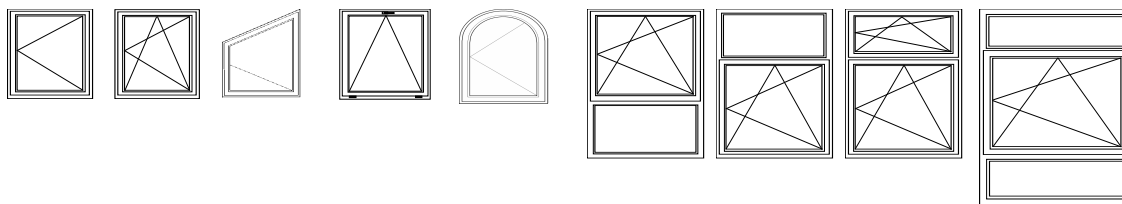


Performance characteristics												
Characteristics / value / unit	Classification / value IV 56, IV 63, IV 68/72 , IV 78, IV 88, IV 92, IV 110											Grade / tested max. value
Resistance against wind loading Testing pressure P1 (Pa)	npd	1 (400)	2 (800)	3 (1200)	4 (1600)	5 (2000)	E xxx (>2000)					5
Resistance against wind loading Frame deflexion	npd	A (=1/150)			B (=1/200)			C (=1/300)			C	
Watertightness Exposed (A) Testing pressure (P)	npd	1A (0)	2A 50	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>600)	9A
Air permeability Maximum Testing pressure (P) Reference permeability at 100 Pa m ³ (h x m)	npd	1 (150) 50 or 12,5	2 (300) 27 or 6,75		3 (600) 9 or 2,25		4 (600) 3 or 0,75			4		
Dangerous substances	All materials in accordance with the REACH regulation (refer to point 8.31										Non	
	Non					Specification of values in accordance with REACH						
Thermal transmission coefficient	npd	Calculated value in accordance with DIN EN ISO 10077-1										W/(m²K)
Sound insulation	npd	Calculated value in accordance with EN 14351-1:2006+A1:2010, Table Annex B										npd
Load-bearing capacity of safety installations	npd	In accordance with EN 14351-1:2006+A1:2010										npd
Impact resistance Height of fall in mm	npd	200	300	450	700	950						2
Classification		1	2	3	4	5						
Clear width x height (Balcony-doors)	npd	npd										
Durability	npd	Npd										
Radiation properties	npd	Total energy transmission rate g				Light transmittance rate t			In accordance with the glazing's Ü or CE marking			

8.46 One-sashed window element with GU JET Turn-Only / Tilt&Turn window hardware.

These specifications are the maximum declarable values. Version with/without WSB

Element sizes, frame external dimensions as well as profile designs shall be carried out in accordance with the guidelines in the chapter: Design variants, statics and hardware technology.

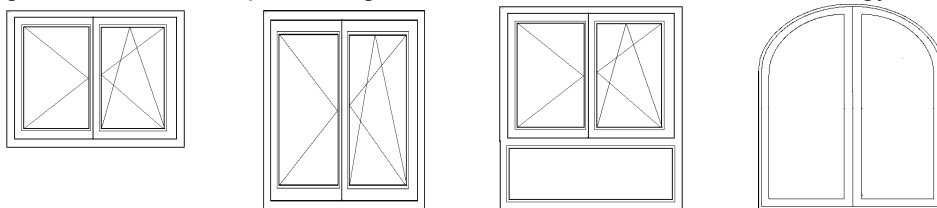


Performance characteristics												
Characteristics / value / unit	Classification / value IV 56, 63, IV 68/72, IV 78, IV 88, IV 92, IV 110										Grade / tested max. value	
Resistance against wind loading Testing pressure P1 (Pa)	npd	1 (400)	2 (800)	3 (1200)	4 (1600)	5 (2000)	E xxx (>2000)			5		
Resistance against wind loading Frame deflexion	npd	A (=1/150)			B (=1/200)			C (=1/300)			C	
Watertightness Exposed (A) Testing pressure (P)	npd	1A (0)	2A 50	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>600)	9A
Air permeability Maximum Testing pressure (P) Reference permeability at 100 Pa m ³ (h x m)	npd	1 (150) 50 or 12,5		2 (300) 27 or 6,75		3 (600) 9 or 2,25		4 (600) 3 or 0,75			4	
Dangerous substances		All materials in accordance with the REACH regulation (refer to point 8.31)									Non	
		Non			Specification of values in accordance with REACH							
Thermal transmission coefficient	npd	Calculated value in accordance with DIN EN ISO 10077-1									W/(m ² K)	
Sound insulation	npd	Calculated value in accordance with EN 14351-1:2006+A1:2010, Table Annex B									npd	
Load-bearing capacity of safety installations	npd	In accordance with EN 14351-1:2006+A1:2010									npd	
Impact resistance Height of fall in mm	npd	200		300		450		700		950		2
Classification		1		2		3		4		5		
Clear width x height (Balcony-doors)	npd	npd										
Durability	npd	2										
Radiation properties	npd	Total energy transmission rate g			Light transmittance rate t			In accordance with the glazing's Ü or CE marking				
Mechanical strength	npd	0	1	2	3	4	3					

8.47 Two-sashed window and balcony-door elements with GU JET Turn-Only/Tilt&Turn window hardware.

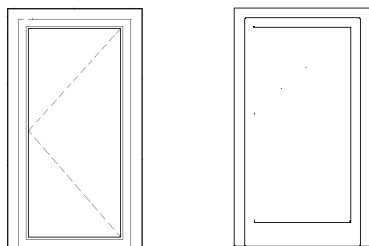
These specifications are the maximum declarable values. Version with/without WSB

Element sizes, frame external dimensions as well as profile designs shall be carried out in accordance with the guidelines in the chapter: Design variants, statics and hardware technology.



Performance characteristics													
Characteristics / value / unit	Classification / value IV 56, 63, IV 68/72 , IV 78, IV 88, IV 92, IV 110										Grade / tested max. value		
Resistance against wind loading Testing pressure P1 (Pa)	npd	1 (400)	2 (800)	3 (1200)	4 (1600)	5 (2000)	E xxx (>2000)				5		
Resistance against wind loading Frame deflexion	npd	A (=1/150)			B (=1/200)			C (=1/300)			C		
Watertightness Exposed (A) Testing pressure (P)	npd	1A (0)	2A 50	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>600)	9A	
Air permeability Maximum Testing pressure (P) Reference permeability at 100 Pa m ³ (h x m)	npd	1 (150) 50 or 12,5		2 (300) 27 or 6,75		3 (600) 9 or 2,25		4 (600) 3 or 0,75			4		
Dangerous substances	npd	All materials in accordance with the REACH regulation (refer to 8.31)										Non	
		Non					Specification of values in accordance with REACH						
Thermal transmission coefficient	npd	Calculated value in accordance with DIN EN ISO 10077-1										W/(m²K)	
Sound insulation	npd	Calculated value in accordance with EN 14351-1:2006+A1:2010, Table Annex B										npd	
Load-bearing capacity of safety installations	npd	In accordance with EN 14351-1:2006+A1:2010										npd	
Impact resistance Height of fall in mm	npd	200		300		450		700		950		2	
		1		2		3		4		5			
Clear width x height (Balcony- doors)	npd	npd											
Durability	npd	2											
Radiation properties	npd	Total energy transmission rate g				Light transmittance rate t				In accordance with the glazing's Ü or CE marking			
Mechanical strength	npd	0	1	2	3	4						3	

8.48 One-sashed balcony-door elements with GU JET Turn-Only/Tilt&Turn window hardware. HTS threshold, GU system threshold, outward opening

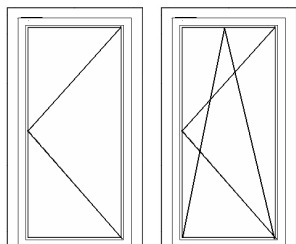


These specifications are the maximum declarable values.

Element sizes, frame external dimensions as well as profile designs shall be carried out in accordance with the guidelines in the chapter: Design variants, statics and hardware technology.

Performance characteristics												
Characteristics / value / unit	Classification / value IV 56, 63, IV 68/72 , IV 78, IV 88, IV 92, IV 110										Grade / tested max. value	
Resistance against wind loading Testing pressure P1 (Pa)	npd	1 (400)	2 (800)	3 (1200)	4 (1600)	5 (2000)	E xxx (>2000)				5	
Resistance against wind loading Frame deflexion	npd	A (=1/150)			B (=1/200)			C (=1/300)			C	
Watertightness Exposed (A) Testing pressure (P)	npd	1A (0)	2A 50	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>600)	9A
Air permeability Maximum Testing pressure (P) Reference permeability at 100 Pa m³ (h x m)	npd	1 (150) 50 or 12,5	2 (300) 27 or 6,75			3 (600) 9 or 2,25	4 (600) 3 or 0,75			4		
Dangerous substances		All materials in accordance with the REACH regulation (refer to point 8.31)									Non	
		Non			Specification of values in accordance with REACH							
Thermal transmission coefficient	npd	Calculated value in accordance with DIN EN ISO 10077-1									W/(m²K)	
Sound insulation	npd	Calculated value in accordance with EN 14351-1:2006+A1:2010, Table Annex B									npd	
Load-bearing capacity of safety installations	npd	In accordance with EN 14351-1:2006+A1:2010									npd	
Impact resistance Height of fall in mm	npd	200	300	450	700	950						2
		1	2	3	4	5						
Clear width x height (Balcony-doors)	npd	npd										
Durability	npd	2										
Radiation properties	npd	Total energy transmission rate g			Light transmittance rate t			In accordance with the glazing's Ü or CE marking				
Mechanical strength	npd	0	1	2	3	4	3					

8.49 One-sashed balcony-door elements with GU JET Turn-Only/Tilt&Turn window hardware. HTS threshold, GU system threshold, inward opening

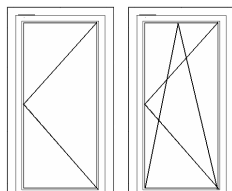


These specifications are the maximum declarable values. Element sizes, frame external dimensions as well as profile designs shall be carried out in accordance with the guidelines in the chapter: Design variants, statics and hardware technology.

Performance characteristics												
Characteristics / value / unit	Classification / value IV 63, IV 68/72, IV 78, IV 88, IV 92, IV 110							Grade / tested max. value				
Resistance against wind loading Testing pressure P1 (Pa)	npd	1 (400)	2 (800)	3 (1200)	4 (1600)	5 (2000)	E xxx (>2000)	5				
Resistance against wind loading Frame deflexion	npd	A (=1/150)		B (=1/200)		C (=1/300)		C				
Watertightness Exposed (A) Testing pressure (P)	npd	1A (0)	2A 50	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>600)	5A* 4A**
Air permeability Maximum Testing pressure (P) Reference permeability at 100 Pa m ³ (h x m)	npd	1 (150) 50 or 12,5		2 (300) 27 or 6,75		3 (600) 9 or 2,25		4 (600) 3 or 0,75		4		
Dangerous substances	All materials in accordance with the REACH regulation (refer to point 8.31)							Non				
	Non			Specification of values in accordance with REACH								
Thermal transmission coefficient	npd	Calculated value in accordance with DIN EN ISO 10077-1							W/(m ² K)			
Sound insulation	npd	Calculated value in accordance with EN 14351-1:2006+A1:2010, Table Annex B							npd			
Load-bearing capacity of safety installations	npd	In accordance with EN 14351-1:2006+A1:2010							npd			
Impact resistance Height of fall in mm	npd	200	300	450	700	950	2					
Classification		1	2	3	4	5						
Clear width x height (Balcony-doors)	npd	npd										
Durability	npd	2										
Radiation properties	npd	Total energy transmission rate			Light transmittance rate t		In accordance with the glazing's Ü or CE marking					
Mechanical strength	npd	0	1	2	3	4	3					

* = GU HTS threshold min. IV 63 , ** = GU system threshold as well as Gutmann Weser, min. IV 78

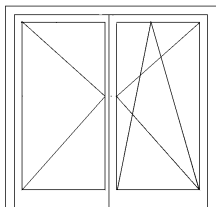
8.50 1-sashed balcony door with low GU system threshold MD timber (inward opening)



These specifications are the maximum declarable values.
Element sizes, frame external dimensions as well as profile designs shall be carried out in accordance with the guidelines in the chapter: Design variants, statics and hardware technology.

Performance characteristics												
Characteristics / value / unit	Classification / value IV 56, 63, IV 68/72, IV 78 , IV 88, IV 92, IV 110										Grade / tested max. value	
Resistance against wind loading Testing pressure P1 (Pa)	npd	1 (400)	2 (800)	3 (1200)	4 (1600)	5 (2000)	E xxx (>2000)			5		
Resistance against wind loading Frame deflexion	npd	A (=1/150)			B (=1/200)			C (=1/300)			C	
Watertightness Exposed (A) Testing pressure (P)	npd	1A (0)	2A 50	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>600)	9A
Air permeability Maximum Testing pressure (P) Reference permeability at 100 Pa m ³ (h x m)	npd	1 (150) 50 or 12,5		2 (300) 27 or 6,75		3 (600) 9 or 2,25		4 (600) 3 or 0,75			4	
Dangerous substances	All materials in accordance with the REACH regulation (refer to point 8.31)										Non	
	Non					Specification of values in accordance with REACH						
Thermal transmission coefficient	npd	Calculated value in accordance with DIN EN ISO 10077-1									W/(m²K)	
Sound insulation	npd	Calculated value in accordance with EN 14351-1:2006+A1:2010, Table Annex B									npd	
Load-bearing capacity of safety installations	npd	In accordance with EN 14351-1:2006+A1:2010									npd	
Impact resistance Height of fall in mm	npd	200		300		450		700		950		2
Classification		1		2		3		4		5		
Clear width x height (Balcony-doors)	npd	npd										
Durability	npd	2										
Radiation properties	npd	Total energy transmission rate g				Light transmittance rate t			In accordance with the glazing's Ü or CE marking			
Mechanical strength	npd	0	1	2	3	4	3					

8.51 Two-sashed balcony-door elements with GU JET Turn-Only / Tilt&Turn window hardware. HTS threshold, alternatively GU system threshold, inward opening

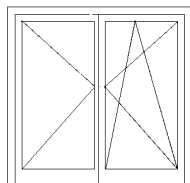


These specifications are the maximum declarable values.
Element sizes, frame external dimensions as well as profile designs shall be carried out in accordance with the guidelines in the chapter: Design variants, statics and hardware technology.

Performance characteristics													
Characteristics / value / unit	Classification / value IV 63, IV 68/72 , IV 78, IV 88, IV 92, IV 110											Grade / tested max. value	
Resistance against wind loading Testing pressure P1 (Pa)	npd	1 (400)	2 (800)	3 (1200)	4 (1600)	5 (2000)	E xxx (>2000)					5	
Resistance against wind loading Frame deflexion	npd	A (=1/150)			B (=1/200)			C (=1/300)			C		
Watertightness Exposed (A) Testing pressure (P)	npd	1A (0)	2A 50	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>600)	3A*	
Air permeability Maximum Testing pressure (P) Reference permeability at 100 Pa m³ (h x m)	npd	1 (150) 50 or 12,5		2 (300) 27 or 6,75		3 (600) 9 or 2,25		4 (600) 3 or 0,75			4		
Dangerous substances	All materials in accordance with the REACH regulation (refer to point 8.31)											Non	
	Non					Specification of values in accordance with REACH							
Thermal transmission coefficient	npd	Calculated value in accordance with DIN EN ISO 10077-1										W/(m²K)	
Sound insulation	npd	Calculated value in accordance with EN 14351-1:2006+A1:2010, Table Annex B										npd	
Load-bearing capacity of safety installations	npd	In accordance with EN 14351-1:2006+A1:2010										npd	
Impact resistance Height of fall in mm	npd	200		300		450		700		950		2	
Classification		1		2		3		4		5			
Clear width x height (Balcony-doors)	npd	npd											
Durability	npd	2											
Radiation properties	npd	Total energy transmission rate g				Light transmittance rate t				In accordance with the glazing's Ü or CE marking			
Mechanical strength	npd	0	1	2	3	4						3	

* = GU HTS threshold min. IV 63 , ** = GU system threshold as well as Gutmann Weser, min. IV 78

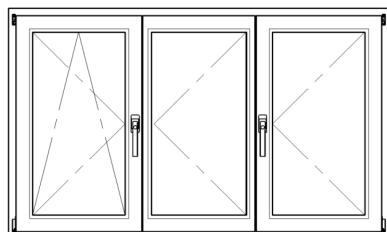
8.52 2-sashed balcony door with GU system threshold MD timber (inward opening)



These specifications are the maximum declarable values.
Element sizes, frame external dimensions as well as profile designs shall be carried out in accordance with the guidelines in the chapter: Design variants, statics and hardware technology.

Performance characteristics												
Characteristics / value / unit	Classification / value IV 63, IV 68/72, IV 78 , IV 88, IV 92, IV 110											Grade / tested max. value
Resistance against wind loading	npd	1	2	3	4	5	E xxx					5
Testing pressure P1 (Pa)		(400)	(800)	(1200)	(1600)	(2000)	(>2000)					
Resistance against wind loading	npd	A (=1/150)			B (=1/200)			C (=1/300)			C	
Frame deflexion												
Watertightness Exposed (A) Testing pressure (P)	npd	1A	2A	3A	4A	5A	6A	7A	8A	9A	Exxx	9A
		(0)	50	(100)	(150)	(200)	(250)	(300)	(450)	(600)	(>600)	
Air permeability Maximum Testing pressure (P) Reference permeability at 100 Pa m³ (h x m)	npd	1 (150) 50 or 12,5		2 (300) 27 or 6,75		3 (600) 9 or 2,25		4 (600) 3 or 0,75			4	
Dangerous substances		All materials in accordance with the REACH regulation (refer to point 8.31)									Non	
		Non			Specification of values in accordance with REACH							
Thermal transmission coefficient	npd	Calculated value in accordance with DIN EN ISO 10077-1									W/(m²K)	
Sound insulation	npd	Calculated value in accordance with EN 14351-1:2006+A1:2010, Table Annex B									npd	
Load-bearing capacity of safety installations	npd	In accordance with EN 14351-1:2006+A1:2010									npd	
Impact resistance Height of fall in mm	npd	200	300	450	700	950	2					
Classification		1	2	3	4	5						
Clear width x height (Balcony-doors)	npd	npd										
Durability	npd	2										
Radiation properties	npd	Total energy transmission rate g				Light transmittance rate t				In accordance with the glazing's Ü or CE marking		
Mechanical strength	npd	0	1	2	3	4	3					

8.53 Triple-sashed window elements with GU JET Turn-Only/Tilt&Turn window hardware.



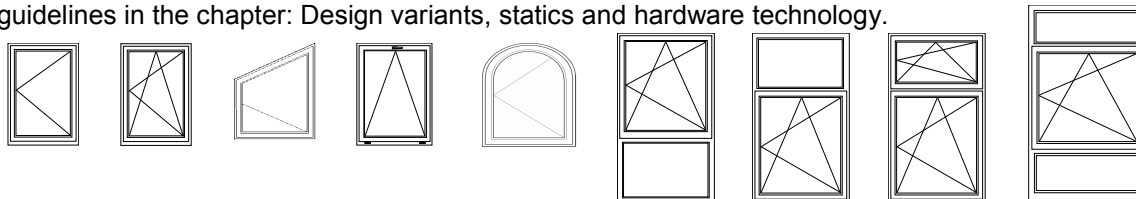
These specifications are the maximum declarable values. Element sizes, sash sizes as well as profile designs shall be carried out in accordance with the guidelines in the chapter: Design variants, statics and hardware technology as well as in accordance with the installation drawings.

Performance characteristics												
Characteristics / value / unit	Classification / value IV 56, IV 63, IV 68/72 , IV 78, IV 88, IV 92, IV 110										Grade / tested max. value	
Resistance against wind loading Testing pressure P1 (Pa)	npd	1 (400)	2 (800)	3 (1200)	4 (1600)	5 (2000)	E xxx (>2000)				5	
Resistance against wind loading Frame deflexion	npd	A (=1/150)			B (=1/200)			C (=1/300)			C	
Watertightness Exposed (A) Testing pressure (P)	npd	1A (0)	2A 50	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>600)	7A
Air permeability Maximum Testing pressure (P) Reference permeability at 100 Pa m ³ (h x m)	npd	1 (150) 50 or 12,5		2 (300) 27 or 6,75		3 (600) 9 or 2,25		4 (600) 3 or 0,75			4	
Dangerous substances	npd	All materials in accordance with the REACH regulation (refer to point 8.31)										Non
		Non					Specification of values in accordance with REACH					
Thermal transmission coefficient	npd	Calculated value in accordance with DIN EN ISO 10077-1										W/(m²K)
Sound insulation	npd	Calculated value in accordance with EN 14351-1:2006+A1:2010, Table Annex B										npd
Load-bearing capacity of safety installations	npd	In accordance with EN 14351-1:2006+A1:2010										npd
Impact resistance Height of fall in mm	npd	200		300		450		700		950		2
Classification		1		2		3		4		5		
Clear width x height (Balcony-doors)	npd	npd										
Durability	npd	2										
Radiation properties	npd	Total energy transmission rate g				Light transmittance rate t				In accordance with the glazing's Ü or CE marking		
Mechanical strength	npd	0		1		2		3		4		3

8.54 Single-sashed box-type windows and balcony-doors (Turn-Only/Tilt&Turn sashes with/without Tilt-Only or outward opening Top-Hung sashes, fixed glazing(s) or panels.

These specifications are the maximum declarable values.

Element sizes, frame external dimensions as well as profile designs shall be carried out in accordance with the guidelines in the chapter: Design variants, statics and hardware technology.

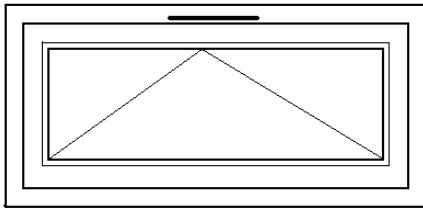


Performance characteristics												
Characteristics / value / unit	Classification / value IV 56, 63, IV 68/72 , IV 78, IV 88, IV 92, IV 110										Grade / tested max. value	
Resistance against wind loading Testing pressure P1 (Pa)	npd	1 (400)	2 (800)	3 (1200)		4 (1600)		5 (2000)		E xxx (>2000)		5
Resistance against wind loading Frame deflexion	npd	A (=1/150)			B (=1/200)			C (=1/300)				C
Watertightness Exposed (A) Testing pressure (P)	npd	1A (0)	2A 50	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>600)	6A 7B
Air permeability Maximum Testing pressure (P) Reference permeability at 100 Pa m ³ (h x m)	npd	1 (150) 50 or 12,5	2 (300) 27 or 6,75		3 (600) 9 or 2,25		4 (600) 3 or 0,75				4	
Dangerous substances	All materials in accordance with the REACH regulation (refer to point 8.31)										Non	
	Non					Specification of values in accordance with REACH						
Thermal transmission coefficient	npd	Calculated value in accordance with DIN EN ISO 10077-1									W/(m²K)	
Sound insulation	npd	Calculated value in accordance with EN 14351-1:2006+A1:2010, Table Annex B									npd	
Load-bearing capacity of safety installations	npd	In accordance with EN 14351-1:2006+A1:2010									npd	
Impact resistance Height of fall in mm	npd	200	300	450	700	950						5
		Classification	1	2	3	4	5					
Clear width x height (Balcony-doors)	npd	Npd										
Durability	npd	2										
Radiation properties	npd	Total energy transmission rate g				Light transmittance rate t			In accordance with the glazing's Û or CE marking			
Mechanical strength	npd	0	1	2	3	4						3

8.55 Tilt-Only window with fanlight opener hardware VENTUS F-200 / 300

These specifications are the maximum declarable values.

Element sizes, frame external dimensions as well as profile designs shall be carried out in accordance with the guidelines in the chapter: Design variants, statics and hardware technology.

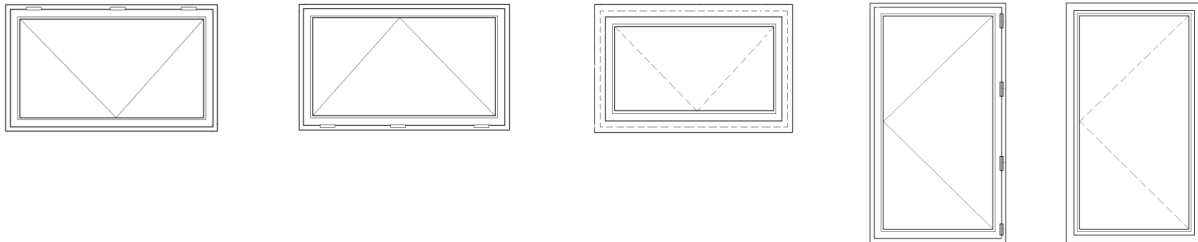


Performance characteristics												
Characteristics / value / unit	Classification / value IV 56, 63, IV 68/72 , IV 78, IV 88, IV 92, IV 110							Grade / tested max. value				
Resistance against wind loading Testing pressure P1 (Pa)	npd	1 (400)	2 (800)	3 (1200)	4 (1600)	5 (2000)	E xxx (>2000)	5				
Resistance against wind loading Frame deflexion	npd	A (=1/150)		B (=1/200)		C (=1/300)		C				
Watertightness Exposed (A) Testing pressure (P)	npd	1A (0)	2A 50	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>600)	9A
Air permeability Maximum Testing pressure (P) Reference permeability at 100 Pa m ³ (h x m)	npd	1 (150) 50 or 12,5		2 (300) 27 or 6,75		3 (600) 9 or 2,25		4 (600) 3 or 0,75		4		
Dangerous substances	All materials in accordance with the REACH regulation (refer to point 8.31)							Non				
	Non			Specification of values in accordance with REACH								
Thermal transmission coefficient	npd	Calculated value in accordance with DIN EN ISO 10077-1							W/(m²K)			
Sound insulation	npd	Calculated value in accordance with EN 14351-1:2006+A1:2010, Table Annex B							npd			
Load-bearing capacity of safety installations	npd	In accordance with EN 14351-1:2006+A1:2010							fulfilled			
Impact resistance Height of fall in mm	npd	200	300	450	700	950	2					
Classification		1	2	3	4	5						
Clear width x height (Balcony-doors)	npd	npd										
Durability	npd	npd										
Radiation properties	npd	Total energy transmission rate g			Light transmittance rate t		In accordance with the glazing's Ü or CE marking					
Mechanical strength	npd	0	1	2	3	4	3					

8.56 Tilt-Only, Top-Hung, Turn-Only window inward and outward opening, with JET central locking system, controlled by means of a locking drive-unit or a handle drive-unit

These specifications are the maximum declarable values.

Element sizes, frame external dimensions as well as profile designs shall be carried out in accordance with the guidelines in the chapter: Design variants, statics and hardware technology.



Performance characteristics												
Characteristics / value / unit	Classification / value IV 56, 63, IV 68/72 , IV 78, IV 88, IV 92, IV 110										Grade / tested max. value	
Resistance against wind loading Testing pressure P1 (Pa)	npd	1 (400)	2 (800)	3 (1200)	4 (1600)	5 (2000)	E xxx (>2000)			5		
Resistance against wind loading Frame deflexion	npd	A (=1/150)			B (=1/200)			C (=1/300)			C	
Watertightness Exposed (A) Testing pressure (P)	npd	1A (0)	2A 50	3A (100)	4A (150)	5A (200)	6A (250)	7A (300)	8A (450)	9A (600)	Exxx (>600)	9A
Air permeability Maximum Testing pressure (P) Reference permeability at 100 Pa m ³ (h x m)	npd	1 (150) 50 or 12,5	2 (300) 27 or 6,75			3 (600) 9 or 2,25		4 (600) 3 or 0,75			4	
Dangerous substances	All materials in accordance with the REACH regulation (refer to point 8.31)										Non	
	Non					Specification of values in accordance with REACH						
Thermal transmission coefficient	npd	Calculated value in accordance with DIN EN ISO 10077-1									W/(m²K)	
Sound insulation	npd	Calculated value in accordance with EN 14351-1:2006+A1:2010, Table Annex B									npd	
Load-bearing capacity of safety installations	npd	In accordance with EN 14351-1:2006+A1:2010									fulfilled	
Impact resistance Height of fall in mm Classification	npd	200	300	450	700	950	2					
		1	2	3	4	5						
Clear width x height (Balcony-doors)	npd	npd										
Durability	npd	npd										
Radiation properties	npd	Total energy transmission rate g				Light transmittance rate t			In accordance with the glazing's Ü or CE marking			
Mechanical strength	npd	0	1	2	3	4	3					