PRESENTATION



DOORS TECHNICAL INFORMATION

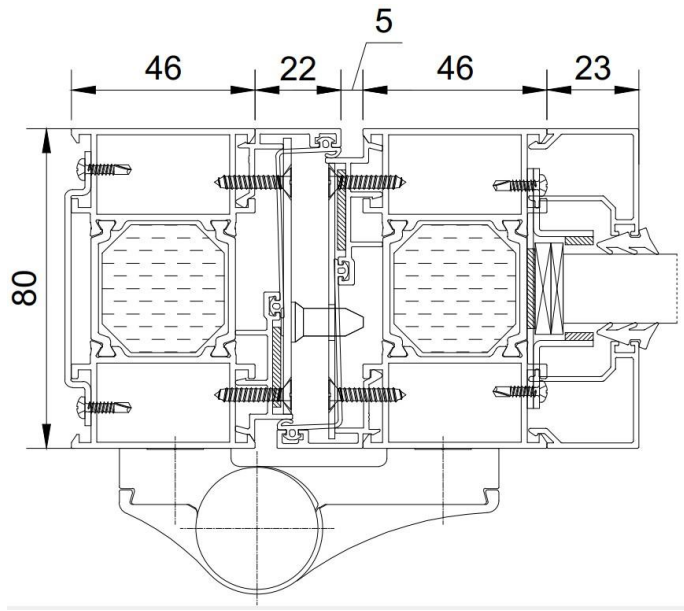
MORE INFO:
alufire
.com

ALUFIRE
FIRE-RESISTANT
ALUMINUM JOINERY

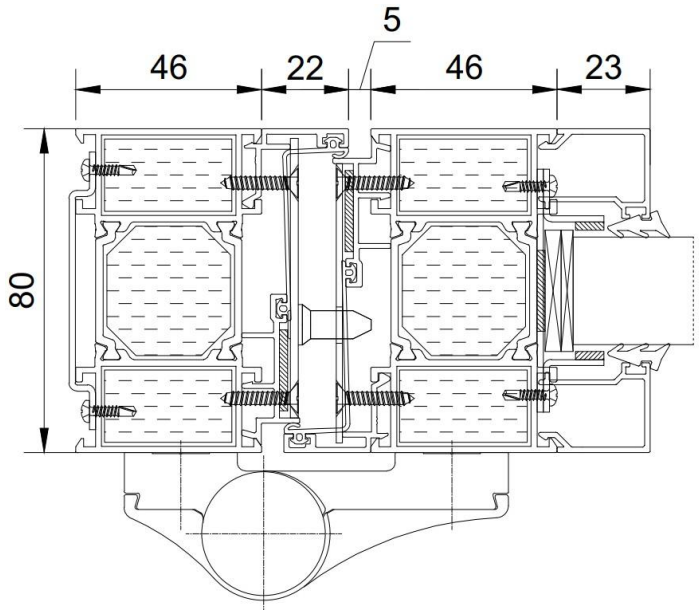
PROFILE COMPARISON

ALUFIRE CLASSIC DOORS

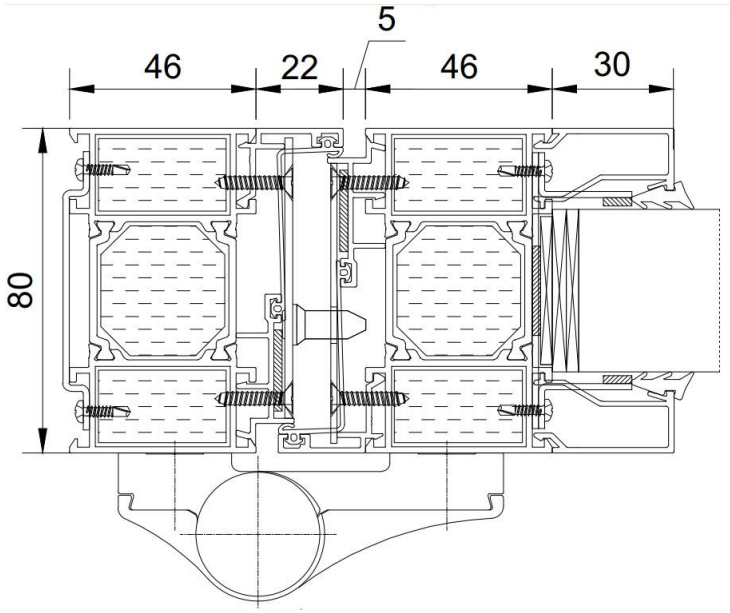
DOORS:
EI15-EI30



DOORS:
EI45-EI60



DOORS:
EI90

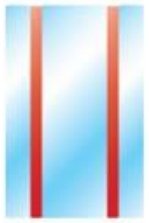


EQUIPMENT

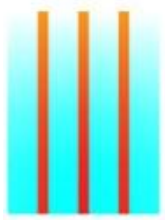
ALUFIRE CLASSIC DOORS

DOORS: EI15-EI30

PYROBEL 16



PYROSTOP 30-10



DOORS: EI45-EI60

PYROBEL 25

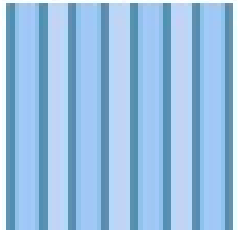


PYROSTOP 60-101



DOORS: EI90

CONTRAFLAM 90



HARDWARE SOLUTIONS

ALUFIRE CLASSIC DOORS

LOCKS

Standard mortise lock – 1 point



Standard mortise lock – 3 point



Panic mortise lock – 1 point



Electric lock



HARDWARE SOLUTIONS

ALUFIRE CLASSIC DOORS

FITTINGS

Handle set – Stainless steel



Knob – Stainless steel



Pull bar set – Stainless steel



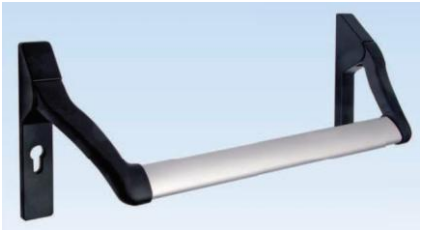
Panic bar – Stainless steel



Panic bar – Silver anodized



Panic bar – Silver & black



HARDWARE SOLUTIONS

ALUFIRE CLASSIC DOORS

HINGES

Three-wing hinges



Rollenband hinges



ELECTRIC STRIKE

Normally closed (NC)



Normally open (NO)



TECHNICAL PROPERTIES

ALUFIRE CLASSIC DOORS

Mechanical strength class 4



Noise insulation up to R_w 42 dB



Security doors – Class RC2



Mechanical durability class C5



Smoke protection



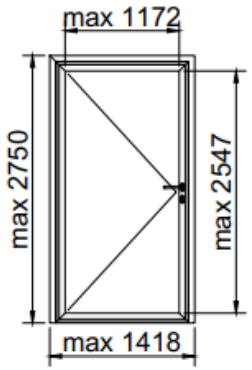
Optional corrosion resistance coating – Class C4

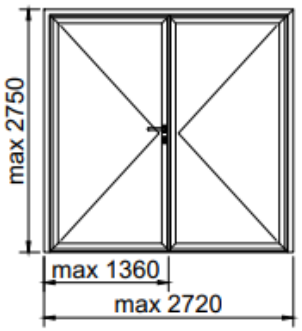


GLAZED DOOR DIMENSIONS

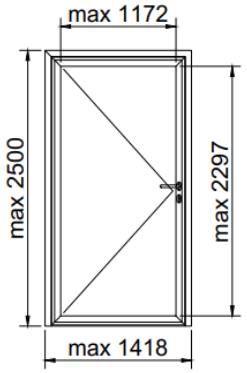
ALUFIRE CLASSIC DOORS

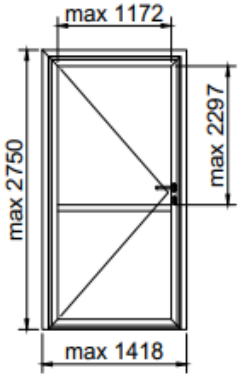
DOORS: EI15-EI30

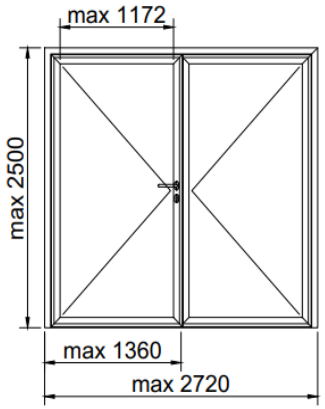


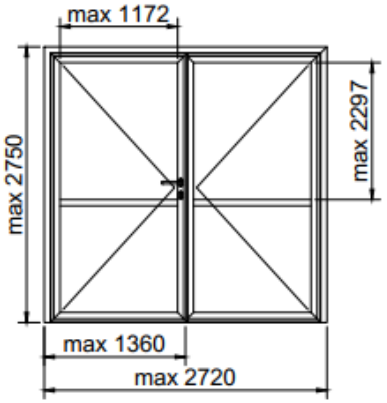


DOORS: EI45-EI60

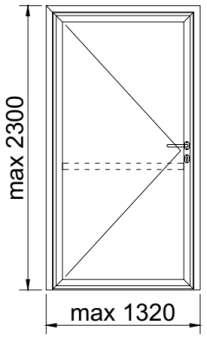


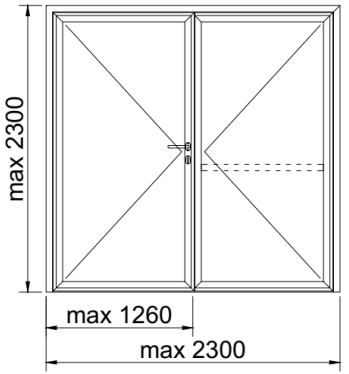






DOORS: EI90

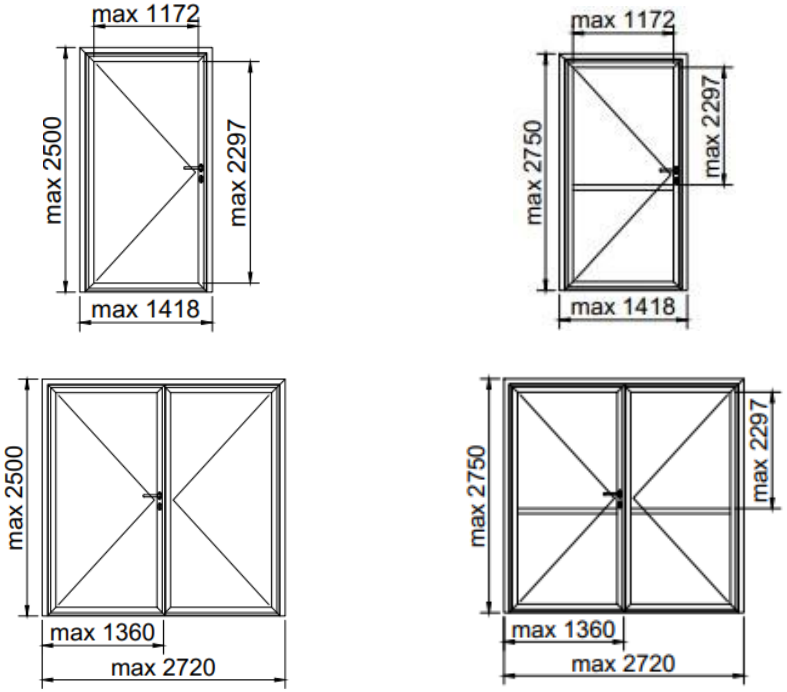




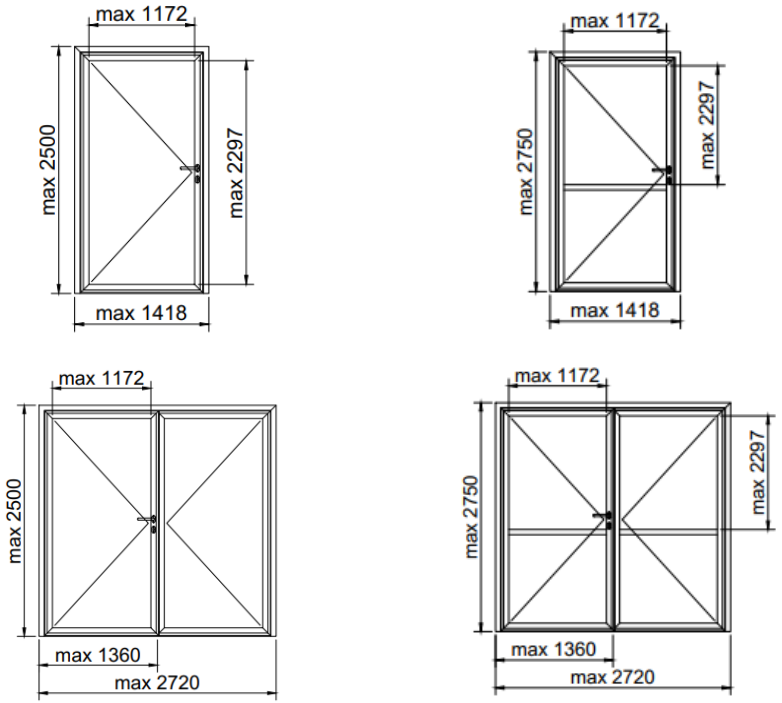
ALUMINIUM PANELED DOOR DIMENSIONS

ALUFIRE CLASSIC DOORS

DOORS:
EI15-EI30



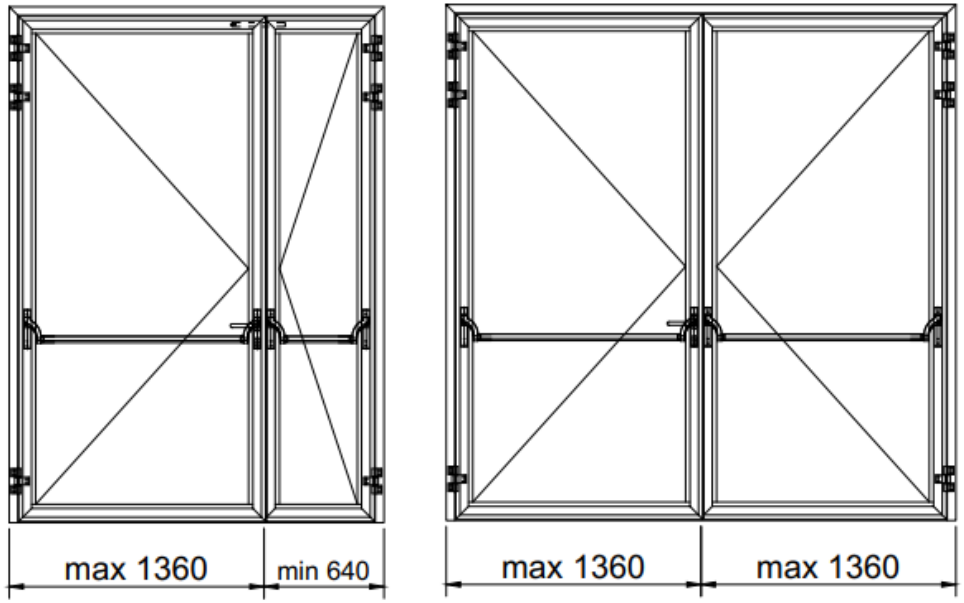
DOORS:
EI45-EI60



LEAVES DIVISION – PANIC FITTINGS

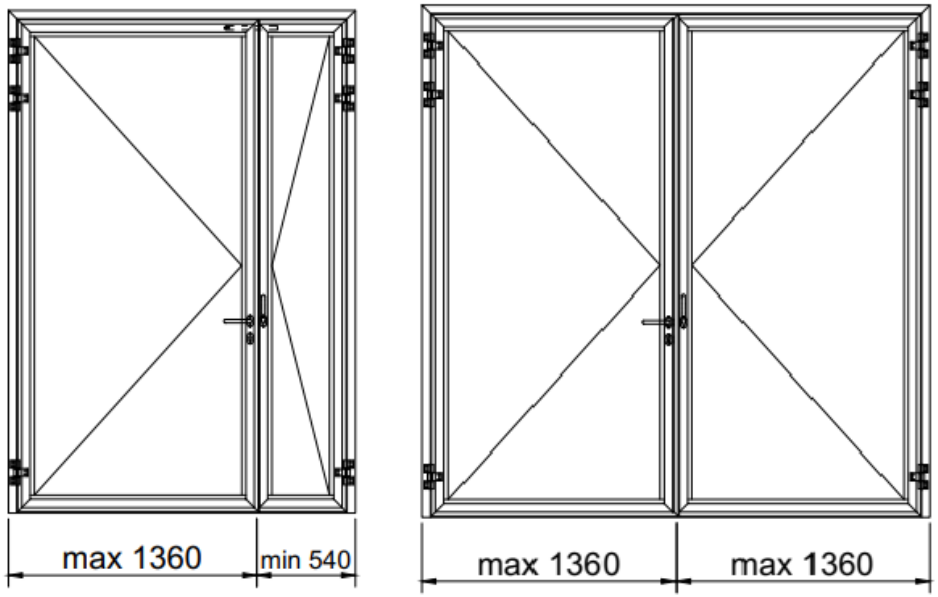
ALUFIRE CLASSIC DOORS

PN-EN 1125:2009:
PANIC-BAR FOR BOTH LEAVES



* the width of the active leaf below 1060 mm, requires individual consultation

PN-EN 179:2009:
HANDLE FOR BOTH LEAVES

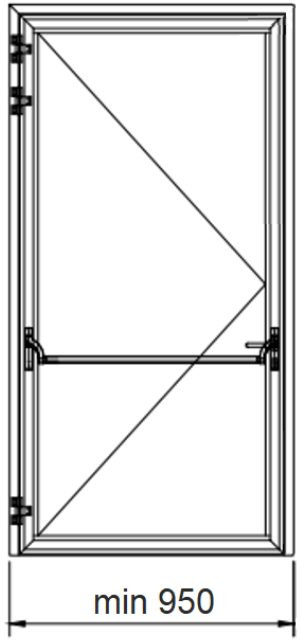


* the width of the active leaf below 1060 mm, requires individual consultation

LEAVES DIVISION – PANIC FITTINGS

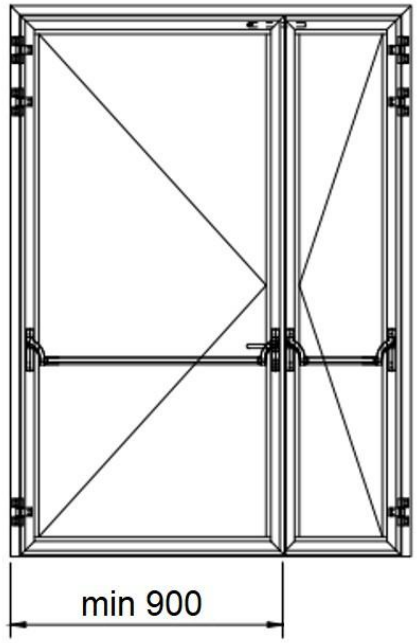
ALUFIRE CLASSIC DOORS

PN-EN 1125:2009:
PANIC-BAR FOR SINGLE-LEAF DOOR



* clearance width 900 mm, requires external width of the construction 1120 mm

PN-EN 1125:2009:
PANIC-BAR FOR DOUBLE-LEAF DOOR

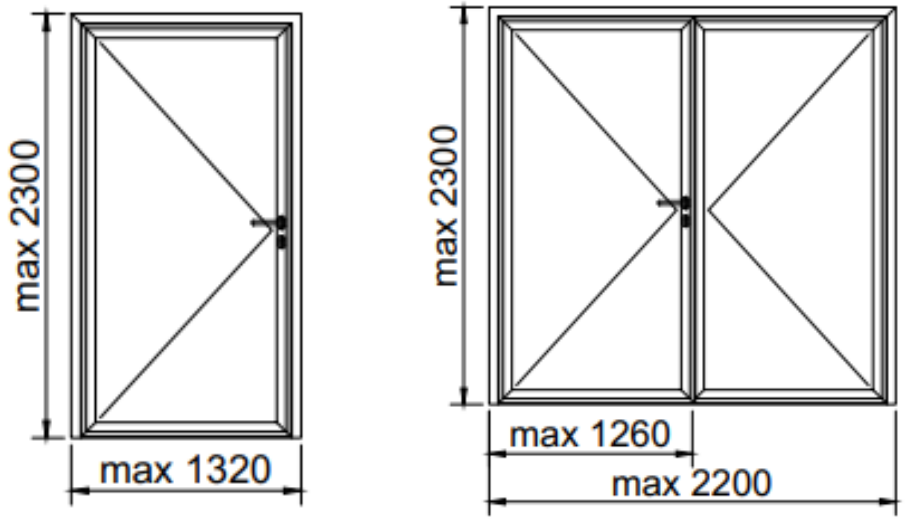


* active leaf clearance width 900 mm requires active leaf width 1060 mm

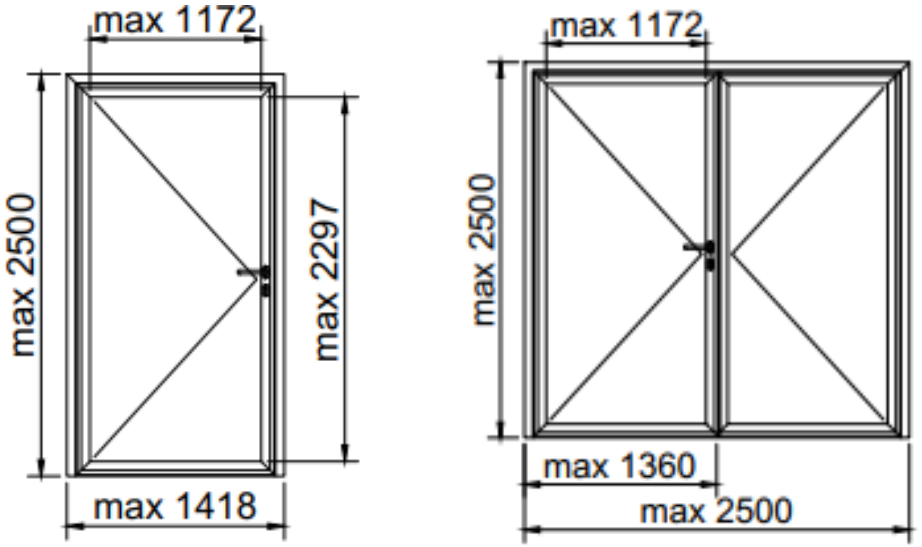
DOOR DIMENSIONS W/ SMOKE PROTECTION – EI S_aS_{200}

ALUFIRE CLASSIC DOORS

DOORS:
1-POINT LOCK

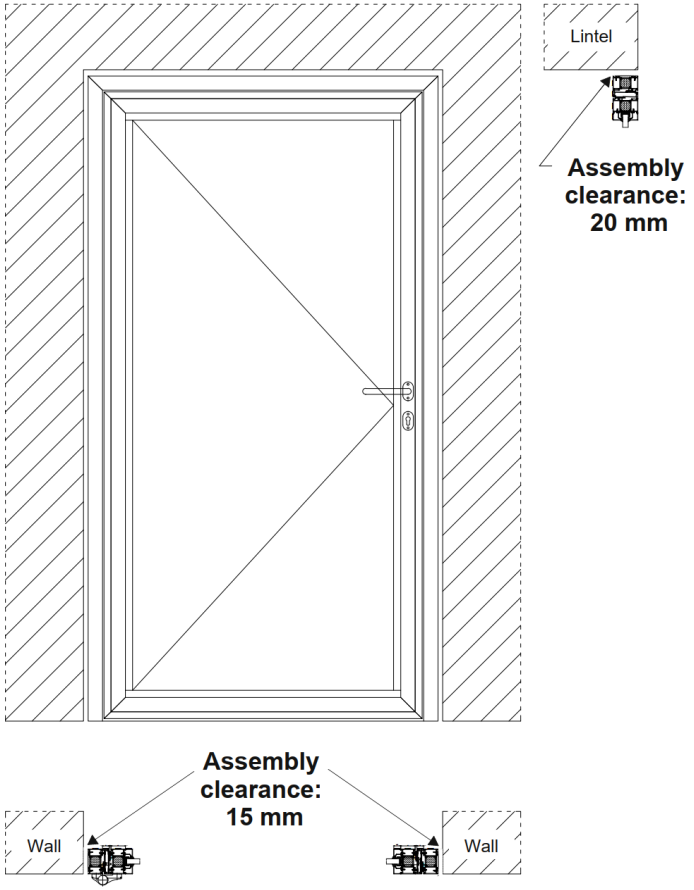


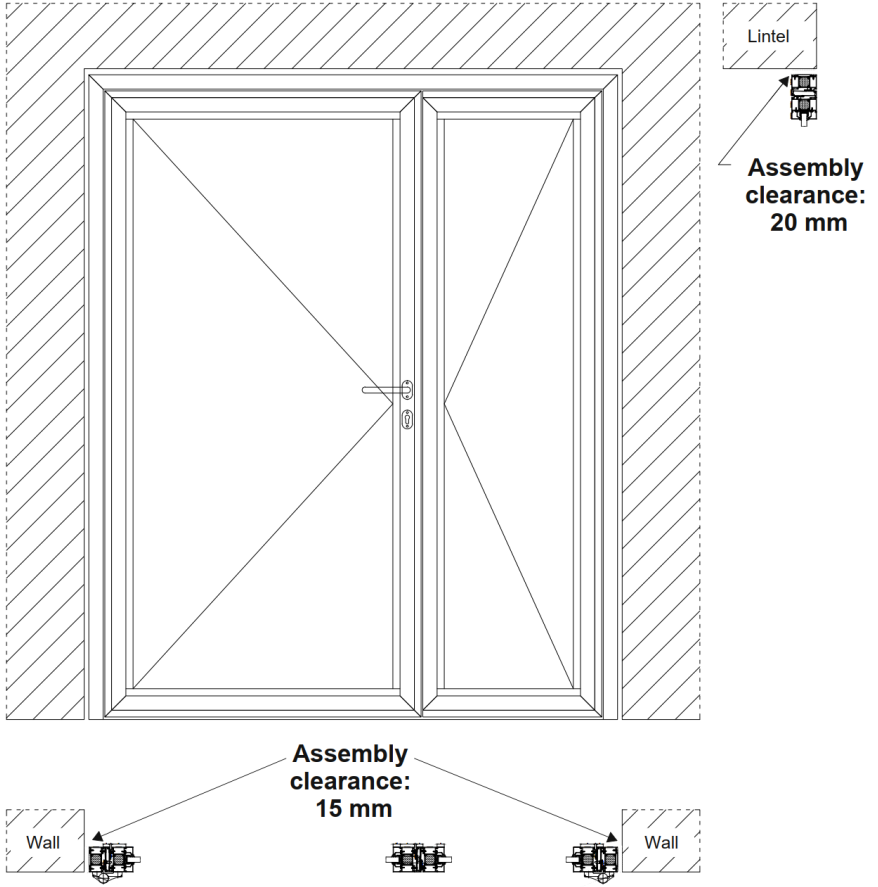
DOORS:
3-POINT LOCK



JOINERY DIMENSIONS – ASSEMBLY CLEARANCE

ALUFIRE CLASSIC DOORS





DOOR CLOSER COMPARISON

ALUFIRE CLASSIC DOORS



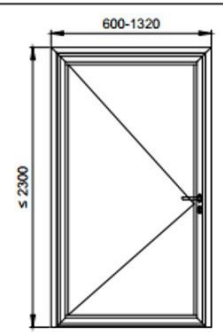
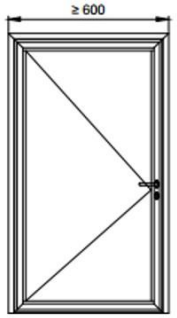
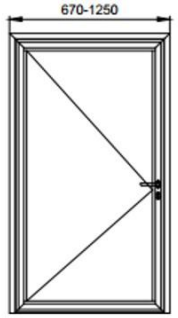
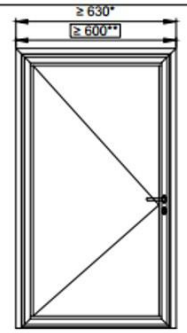
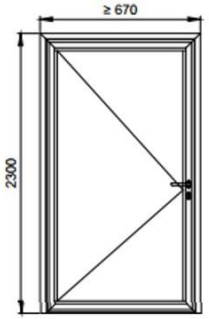
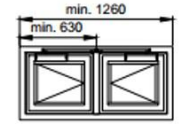
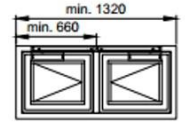
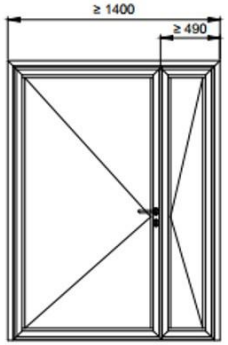
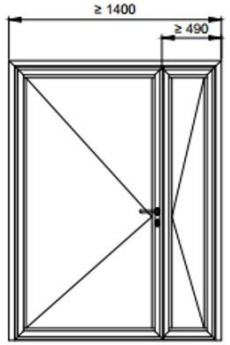
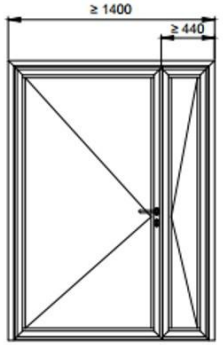
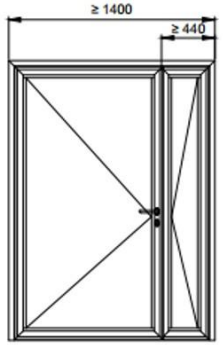
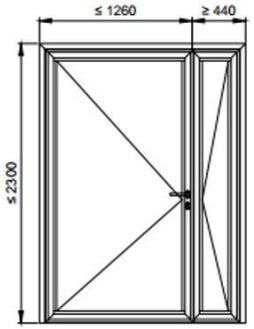
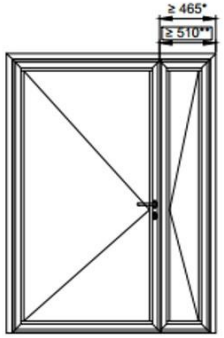
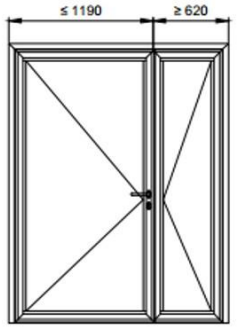
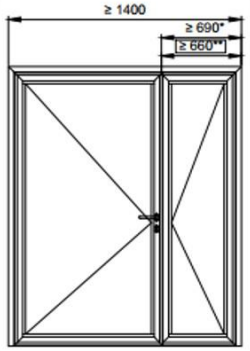
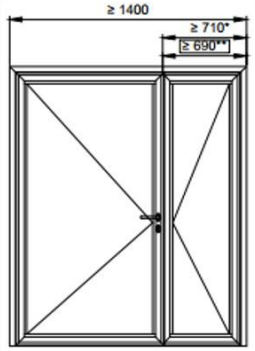
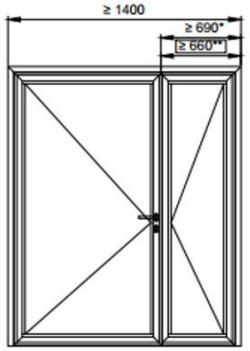
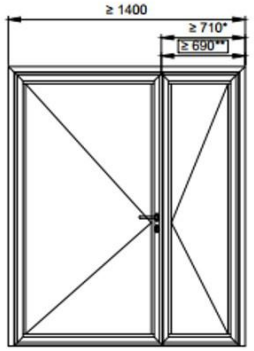
Door closer with arm



Door closer with guide rail



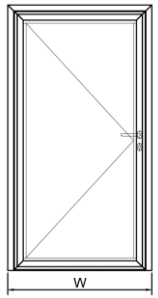
Integrated door closer

	DORMA GROOM GR200 / GEZE TS 2000	DORMA TS83 / GEZE TS 4000	GEZE BOXER / GEZE BOXER E	DORMA TS93 (GSR)* / GEZE TS 5000 (ISM)**	DORMA TS93 EMF (GSR EMF)* / GEZE TS 5000 E (E ISM)**	DORMA TS93 +TS91 GSR* / GEZE TS 5000+TS 3000 ISM**	DORMA TS93 +TS91 GSR EMF* / GEZE TS 5000+TS 3000 E ISM**	DORMA TS93/TS91 (EMF) / GEZE TS 5000/TS 3000 (E)
	Door EI30, smoke-resistant, and windows - max. weight 130kg		**- max. weight 130kg**	**min. width of double-leaf door - 1400mm**	**min. width of double-leaf door - 1400mm**	**min. width of double-leaf door - 1400mm**	**min. width of double-leaf door - 1400mm**	**two single-leaf windows on separated by a mullion**
Single-leaf door								Closers without holders  Closers with holders 
Double-leaf door - closing sequence adjustor integrated in guide-rail door closer								
Double-leaf door - lever closing sequence adjustor								
	Presented dimensions apply to door closers installed on the hinge side. Deviations from the presented dimensions - at the customer's risk. * DORMA TS93 ** GEZE TS 5000							

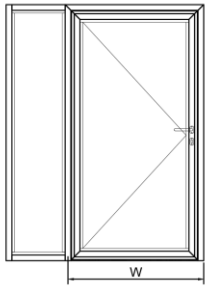
DOOR CLEARENCE (width)

ALUFIRE CLASSIC DOORS

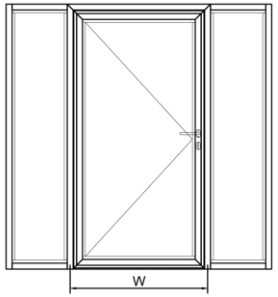
SINGLE-LEAF DOORS



Width door clearance – 900 mm
Width door dimensions (W) – 1120 mm
Width door clearance – 800 mm
Width door dimensions (W) – 1020 mm

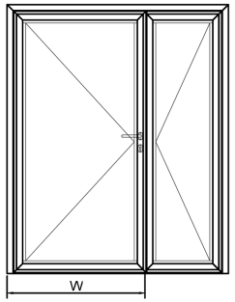


Width door clearance – 900 mm
Width door dimensions (W) – 1100 mm
Width door clearance – 800 mm
Width door dimensions (W) – 1000 mm

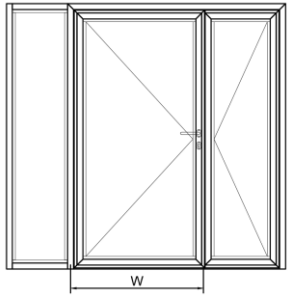


Width door clearance – 900 mm
Width door dimensions (W) – 1080 mm
Width door clearance – 800 mm
Width door dimensions (W) – 980 mm

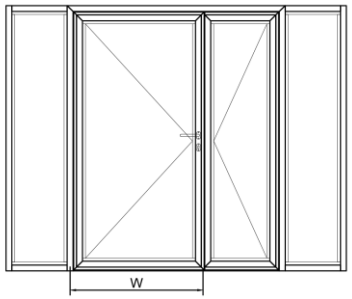
DOUBLE-LEAF DOORS



Width door clearance – 900 mm/…
Width door dimensions (W) – 1060 mm/…
Width door clearance – 800 mm/…
Width door dimensions (W) – 960 mm/…



Width door clearance – 900 mm/ …
Width door dimensions (W) – 1040 mm/ …
Width door clearance – 800 mm/…
Width door dimensions (W) – 940 mm/…



Width door clearance – 900 mm/ …
Width door dimensions (W) – 1040 mm/ …
Width door clearance – 800 mm/…
Width door dimensions – 940 mm/…

DOOR HEIGHT COMPARISON

DOOR ACCESSORY COMBINATIONS

ALUFIRE CLASSIC DOORS

DOOR HEIGHT	STANDARD LOCKS MECHANICAL		PANIC LOCKS MECHANICAL		SMOKE PROTECTION		ELECTRIC STRIKE		PANIC FITTINGS	
	SINGLE-LEAF DOOR	DOUBLE-LEAF DOOR	SINGLE-LEAF DOOR	DOUBLE-LEAF DOOR	SINGLE-LEAF DOOR	DOUBLE-LEAF DOOR	STANDARD LOCKS	PANIC LOCKS	SINGLE-LEAF DOOR	DOUBLE-LEAF DOOR
< 2300mm	1-point lock	1-point lock only for active leaf	1-point panic lock	1-point panic lock in active leaf and panic lock in passive leaf	✓	✓	NO/NC	NC	PN-EN 1125/179	PN-EN 1125/179
2300 – 2600mm	2-point lock	2-point lock only for active leaf	2-point panic lock	2-point panic lock in active leaf and panic lock in passive leaf	✗	✗	NO	-	PN-EN 1125/179	PN-EN 1125/179
	3-point lock	3-point lock only for active leaf	3-point panic lock	3-point panic lock only in active leaf	✓*	✓*	NO	-	PN-EN 1125/179	-**
2600 – 2750mm	4-point lock	4-point lock only for active leaf	4-point panic lock	4-point panic lock only in active leaf	✗	✗	NO	-	PN-EN 1125/179	-**

* up to 2500mm height
** Panic fittings can only be installed on the active leaf

LOCK TYPES

DOOR EQUIPMENT COMBINATIONS

ALUFIRE CLASSIC DOORS

Locks	Handle					Electric strike	Max door height		Using	
							Fire resistant door Non-smoke protection	Fire resistant door smoke protection	Single-leaf door	Double-leaf door
1-point lock - standard mechanical	handle-handle	handle -knob/pull handle *	knob/pull handle-knob/pull handle *			NO / NC	2300	2300	yes	yes **
1-point lock - panic mechanical	handle-handle	handle -knob/pull handle */***		handle-panic bar	knob-panic bar */***	NC	2300	2300	yes	yes
3-point lock - standard mechanical	handle-handle					NO	2750	2500	yes	yes **
3-point lock - panic mechanical	handle-handle	handle -knob/pull handle ***		handle-panic bar	knob-panic bar ***	-	2750	2500	yes	yes/no **
1-point lock - electric with panic function, NO/NC	handle-handle			handle-panic bar		-	2300	2300	yes	yes
3-point lock - electric with panic function, NO/NC	handle-handle			handle-panic bar		-	2750	2500	yes	yes/no **

* must be used electric strike NC

** can only be used in active leaf

*** available only for locks with panic f. E

ELECTRIC STRIKE & FLUSH BOLT MECHANISM

DOOR EQUIPMENT COMBINATIONS

ALUFIRE CLASSIC DOORS

ELECTRIC STRIKE

Electric strike	Lock		Handle	
	Standard mechanical	Panic mechanical		
NO (normally open)	✓	✗	handle-handle	–
NC (normally close)	✓	✓ *	handle/panic bar -knob/pull handle	knob/pull handle-knob/pull handle **

* up to 2300mm height
** entry / exit without electricity only possible with a key

NO (normally open) - above the main lock, two-way access control

NC (normally close) - at the height of the main lock, one-way access control

FLUSH BOLT MECHANISM

Flush bolt mechanism	Door closers
Automatic	Two door closers with coordinator
Manual	Door closer only for active leaf