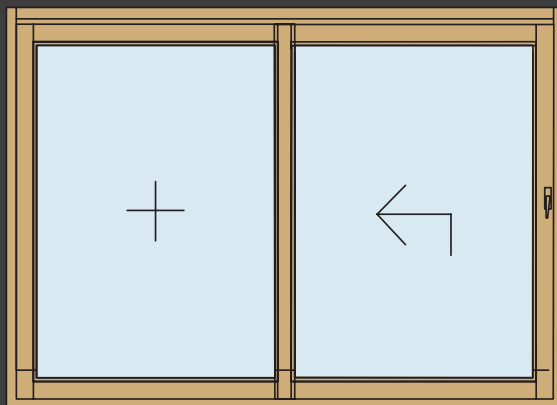
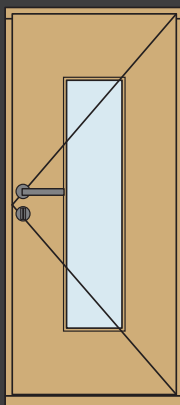
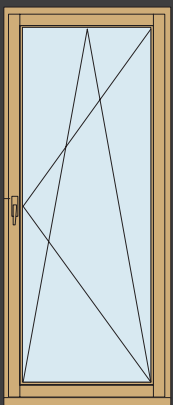
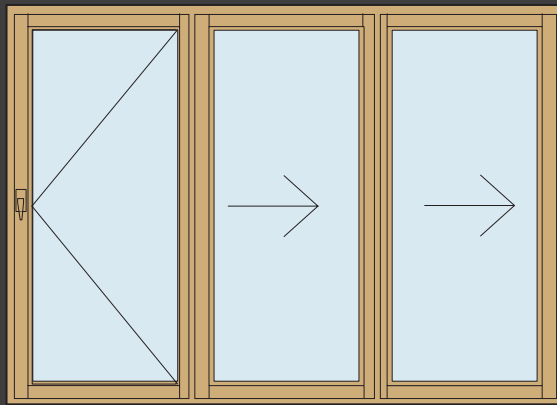
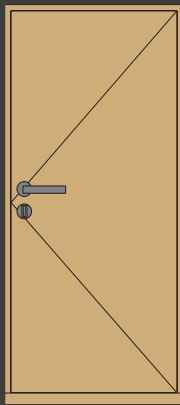
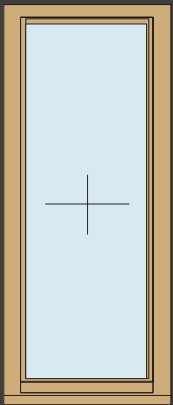
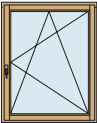


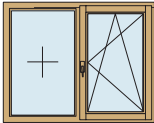
## STANDARD PRODUCT TYPES

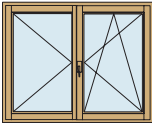


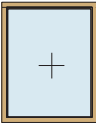
Type overview

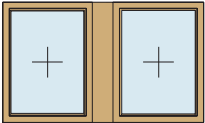
All drawings are showing the inside views

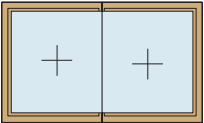












1.001

WINDOW

single opening window

1.002

WINDOW

single opening window with fixed side light

1.004

WINDOW

double french opening window

1.021

WINDOW

fixed window

1.054

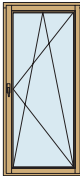
CORNER WINDOW

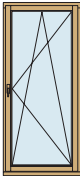
two fixed windows connected with a 90° post

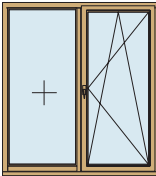
1.056

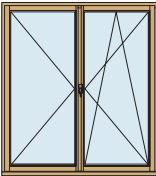
CORNER WINDOW

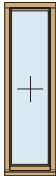
two fixed windows connected with a 90° glass corner











1.001

PATIO DOOR

single opening window

1.101

PATIO DOOR

single opening swinging door, flat threshold

1.102

PATIO DOOR

single opening swinging door with fixed side light, flat threshold

1.104


PATIO DOOR

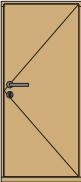
double french opening swinging door flat threshold

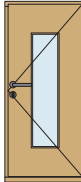
1.121

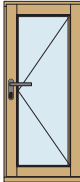
PATIO DOOR

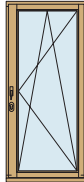
fixed field for patio door simulates a flat threshold











2.001

DOOR

fully glazed main entrance swinging door

2.201

DOOR

main entrance swinging door full slab

2.300

DOOR

main entrance swinging door slab with glazing

3.001

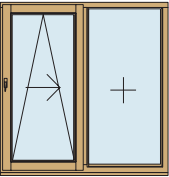
DOOR

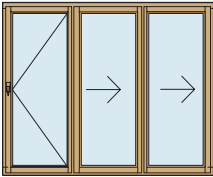
fully glazed side entrance swinging door

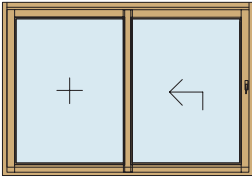
5.001

DOOR

single opening swinging patio door with exterior key cylinder with window handle







6.001

SLIDING DOOR

Parallel slide & tilt door

7.003

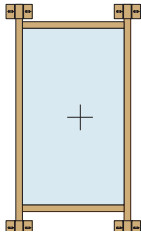
SLIDING DOOR

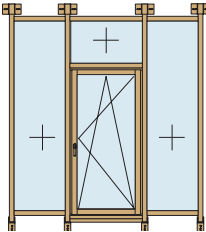
Folding sliding door

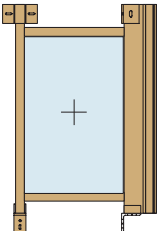
8.001

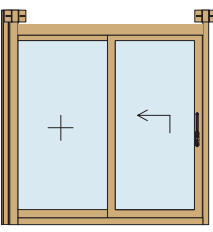
SLIDING DOOR

Lift & sliding door









9.021

FACADE

9.002

FACADE

single opening swinging door

9.054

FACADE

corner with a 90° post

9.801

FACADE

Lift & sliding door

Product type group 9.000:  
Only available in insulated aluminium profiles

Request example:

Begin with numbering the openings.

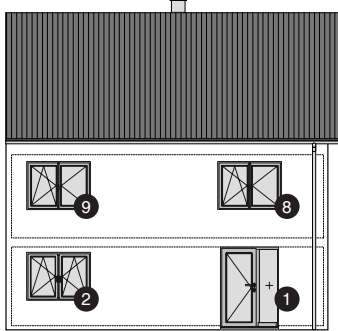
Start at your main entrance door and give the position numbers in a clockwise direction. Next floor (first, second, third floor) start numbering from first window on the right side of staircase.

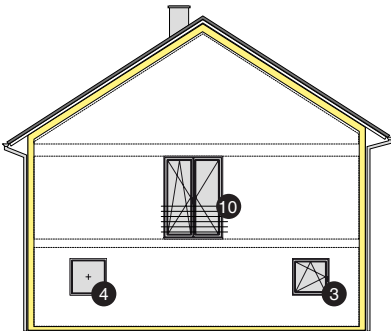
Choose window type and record the product type number in your window list (specification).

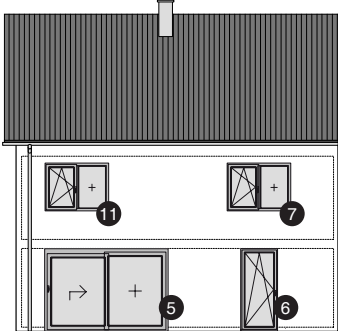
Give the quantity and the required dimension.

Share with us your special requirements for glass, hardware and handles.

We are looking forward to hear from you.



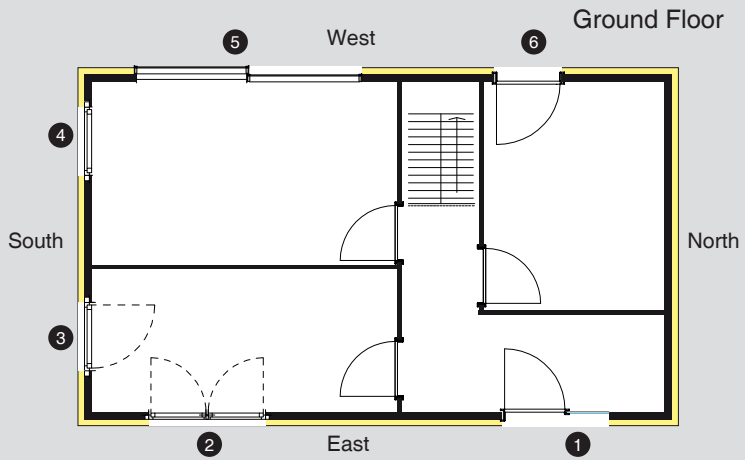


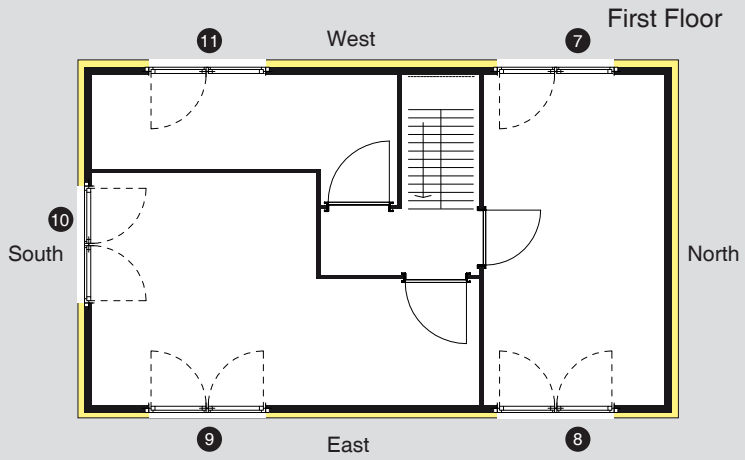


East

South

West





Ground Floor

First Floor

Request list:

	Window position	Product type	Pcs	Measure-ments (width x height) mm	Other requirments
Ground Floor	Pos. 1	2.001	1	1600 x 2100	safety lamineted glass handelbar 1800 mm
	Pos. 2	1.004	1	2000 x 1200	WK2 hardware, lockable handel
	Pos. 3	1.001	1	1000 x 1200	WK2 hardware, lockable handel,
	Pos. 4	1.021	1	2000 x 1200	WK2 hardware
	Pos. 5	8.001	1	4000 x 2100	WK2 hardware lockable handel
First Floor	Pos. 6	1.101	1	2000 x 1200	WK2 hardware lockable handel
	Pos. 7	1.002	1	2000 x 1200	
	Pos. 8/9	1.004	2	2000 x 1200	
	Pos. 10	1.004	1	1600 x 1200	
	Pos. 11	1.002	1	2000 x 1200	Ornamental glass


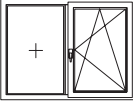
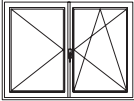
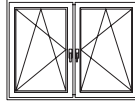

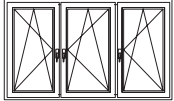
Standard: opening inwards

## Type Overview

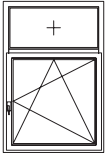
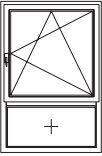
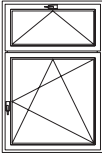
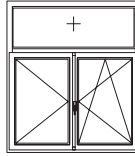
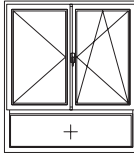
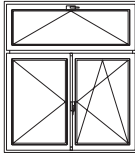
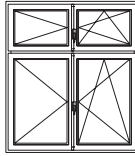
### 1.000 WINDOWS

Handle inside

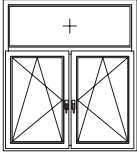
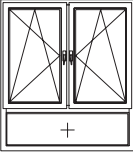
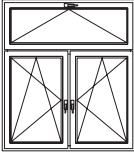

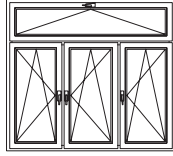
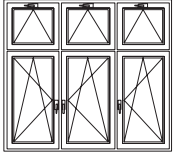
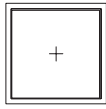
All drawings are showing the inside views

					
1.001	1.002	1.004	1.005	1.006	1.007
WINDOW	WINDOW	WINDOW	WINDOW	WINDOW	WINDOW
single opening window	single opening window with fixed side light	double french opening window	double opening window with post	single opening window with two fixed side lights	triple opening window with post

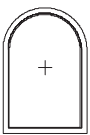
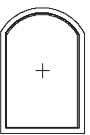
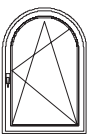
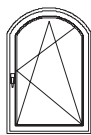
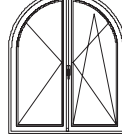
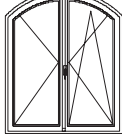


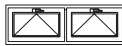
  

						
1.008	1.009	1.010	1.011	1.012	1.013	1.014
WINDOW	WINDOW	WINDOW	WINDOW	WINDOW	WINDOW	WINDOW
single opening window with fixed light above	single opening window with fixed light below	single opening window with tilt window above	double french opening window with fixed light above	double french opening window with fixed light below	double french opening window with tilt window above	double french opening window with double french opening window above

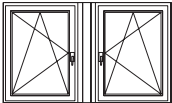
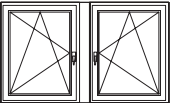
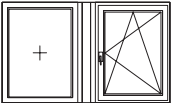
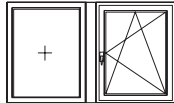
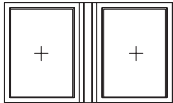
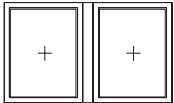
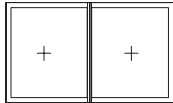
  

						
1.015	1.016	1.017	1.018	1.019	1.020	1.021
WINDOW	WINDOW	WINDOW	WINDOW	WINDOW	WINDOW	WINDOW
double opening window with post with fixed light above	double opening window with post with fixed light below	double opening window with post with tilt window above	double opening window with post with double opening window with post above	triple opening window with post with tilt window above	triple opening window with post with triple tilt window above	fixed window

						  
1.022	1.023	1.024	1.025	1.026	1.027	1.041 1.042 1.044
WINDOW	WINDOW	WINDOW	WINDOW	WINDOW	WINDOW	WINDOW
fixed arch top window	fixed segment arch top window	arch top opening window	segment arch top opening window	arched double french opening window	segmented arch double french opening window	1.041 tilt window 1.042 tilt window with fixed field 1.044 double tilt window

						
1.050	1.051	1.052	1.053	1.054	1.055	1.056
CORNER WINDOW	CORNER WINDOW	CORNER WINDOW	CORNER WINDOW	CORNER WINDOW	CORNER WINDOW	CORNER WINDOW
two single opening windows connected with a 90° post	two single opening windows connected with a 135° post	a single opening window and a fixed window connected with a 90° post	a single opening window and a fixed window connected with a 135° post	two fixed windows connected with a 90° post	two fixed windows connected with a 135° post	two fixed windows connected with a 90° glass corner

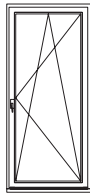
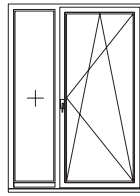
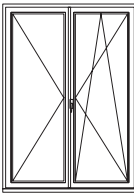
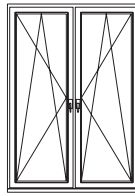
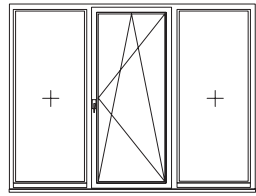
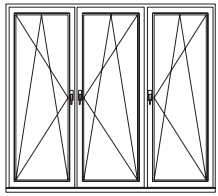
Standard: opening inwards – Option: opening outwards available with surcharge

## Type Overview

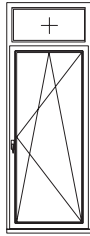
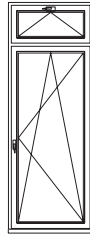
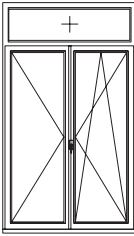
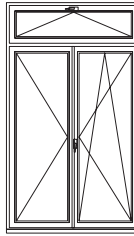


### 1.100 PATIO DOORS with flat threshold

Handle inside - grip outside



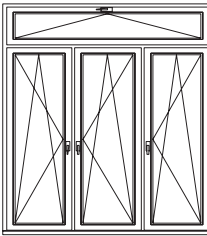
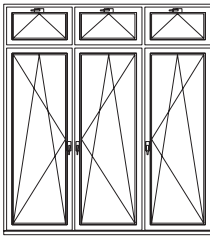
All drawings are showing the inside views

					
1.101	1.102	1.104	1.105	1.106	1.107
PATIO DOOR	PATIO DOOR	PATIO DOOR	PATIO DOOR	PATIO DOOR	PATIO DOOR
single opening swinging door	single opening swinging door with fixed side light	double french opening swinging door	double opening swinging door with post	single opening swinging door with two fixed side lights	triple opening swinging door with post

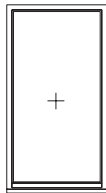
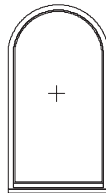
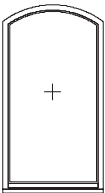
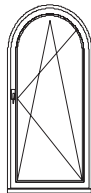
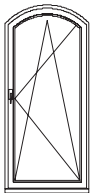
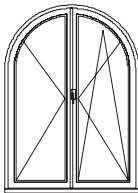
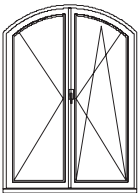
  

					
1.108	1.110	1.111	1.113	1.114	1.115
PATIO DOOR	PATIO DOOR	PATIO DOOR	PATIO DOOR	PATIO DOOR	PATIO DOOR
single opening swinging door with fixed light above	single opening swinging door with tilt window above	double french opening swinging door with fixed light above	double french opening swinging door with tilt window above	double french opening swinging door with double french opening window above	double opening swinging door with post, with fixed light above

			
1.117	1.118	1.119	1.120
PATIO DOOR	PATIO DOOR	PATIO DOOR	PATIO DOOR
double opening swinging door with post, with tilt window above	double opening swinging door with post, with double opening tilt window with post above	triple opening swinging door with post, with tilt window above	triple opening swinging door with post, with triple opening tilt window above

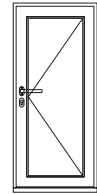
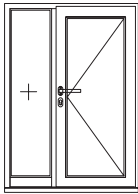
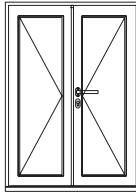
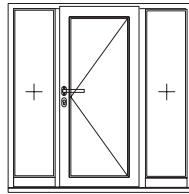

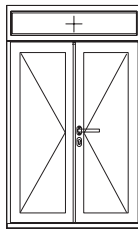

						
1.121	1.122	1.123	1.124	1.125	1.126	1.127
PATIO DOOR	PATIO DOOR	PATIO DOOR	PATIO DOOR	PATIO DOOR	PATIO DOOR	PATIO DOOR
fixed field for patio door	fixed arch top patio door	fixed segment arch top patio door	arch top opening swinging door	segment arch top opening swinging door	arched double french opening swinging door	segmented arch double french opening swinging door

Standard: opening inwards – Option: opening outwards available with surcharge  
Our systems with flat threshold are wheelchair accessible.

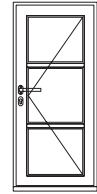
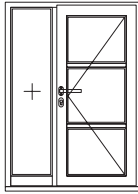
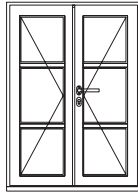
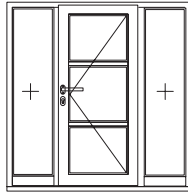
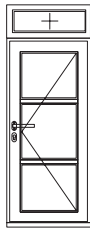

Type Overview  
2.000 DOORS with flat threshold

Handle inside and outside - Key cylinder on both sides  
Multipoint locking system

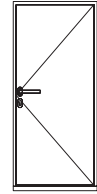
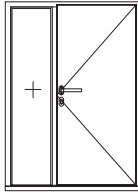
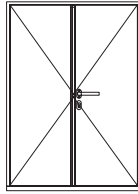
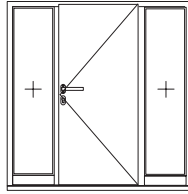
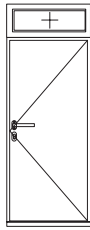
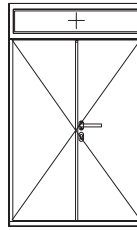
All drawings are showing the inside views

						
2.001	2.002	2.004	2.006	2.008	2.011	2.021
DOOR	DOOR	DOOR	DOOR	DOOR	DOOR	DOOR
fully glazed main entrance swinging door	fully glazed main entrance swinging door with fixed side light	double french opening fully glazed main entrance swinging door	fully glazed main entrance swinging door with two fixed side lights	fully glazed main entrance swinging door with fixed light above	double french opening fully glazed main entrance swinging door with fixed light above	fixed field for main entrance door or side entrance door

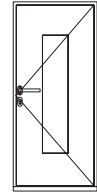
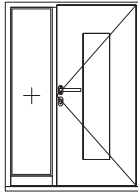
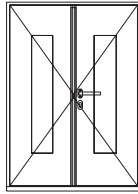
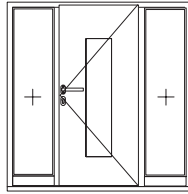
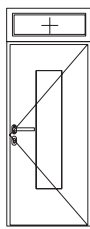
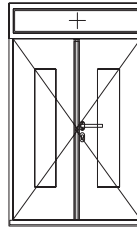
  

					
2.101	2.102	2.104	2.106	2.108	2.111
DOOR	DOOR	DOOR	DOOR	DOOR	DOOR
muntin main entrance swinging door	muntin main entrance swinging door with fixed side light	double french opening muntin main entrance swinging door	muntin main entrance swinging door with two fixed side lights	muntin main entrance swinging door with fixed light above	double french opening muntin main entrance swinging door with fixed light above

					
2.201	2.202	2.204	2.206	2.208	2.211
DOOR	DOOR	DOOR	DOOR	DOOR	DOOR
main entrance swinging door full slab	main entrance swinging door full slab combined with fixed glazing	double french opening main entrance swinging door full slab	main entrance swinging door, full slab combined with two fixed side lights	main entrance swinging door full slab with fixed light above	double french opening main entrance swinging door, full slab with fixed light above


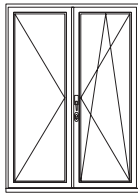
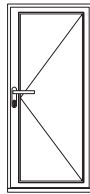
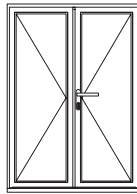
					
2.301	2.302	2.304	2.306	2.308	2.311
DOOR	DOOR	DOOR	DOOR	DOOR	DOOR
main entrance swinging door slab with glazing	main entrance swinging door slab with glazing combined with fixed glazing	double french opening main entrance swinging door full slab with glazing	main entrance swinging door, full slab with glazing combined with two fixed side lights	main entrance swinging door, full slab with glazing with fixed light above	double french opening main entrance swinging door, full slab with glazing with fixed light above

Standard: opening inwards – Option: opening outwards available with surcharge  
Our systems with flat threshold are wheelchair accessible.

Type Overview  
5.000 LOCKABLE PATIO DOORS with flat threshold

Key cylinder on both sides

All drawings are showing the inside views

			
5.001	5.004	5.051	5.054
PATIO DOOR	PATIO DOOR	PATIO DOOR	PATIO DOOR
single opening swinging patio door with exterior key cylinder window handle inside and outside	double french opening swinging patio door with exterior key cylinder window handle inside and outside	single opening swinging patio door with lever handle set for framed doors Handle inside and outside	double french opening swinging patio door with lever handle set for framed doors Handle inside and outside

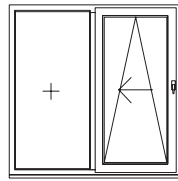
Standard: opening inwards – Option: opening outwards available with surcharge  
Our systems with flat threshold are wheelchair accessible.

## Type Overview

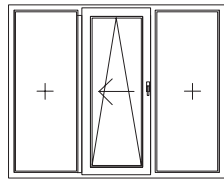
### 6.000 PARALLEL SLIDE & TILT WINDOWS

Handle inside

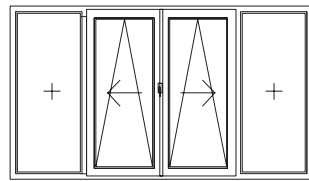
All drawings are showing the inside views



6.001.1  
SLIDE & TILT DOOR  
slide & tilt door right opening to the left, fixed field left



6.004.1  
SLIDE & TILT DOOR  
slide & tilt door opening to the left, two fixed fields



6.009  
SLIDE & TILT DOOR  
double french opening slide & tilt door, two fixed fields, first opening part has to be defined



6.001.2  
SLIDE & TILT DOOR  
slide & tilt door left opening to the right, fixed field right

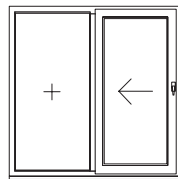


6.004.2  
SLIDE & TILT DOOR  
slide & tilt door opening to the right, two fixed fields

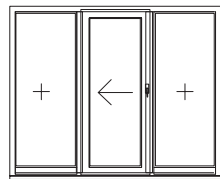
## Type Overview

### 6.200 PARALLEL SLIDING WINDOWS

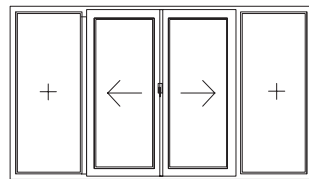
Handle on the inside



6.201.1  
SLIDING DOOR  
sliding door right opening to the left, fixed field left



6.204.1  
SLIDING DOOR  
sliding door opening to the left, two fixed fields



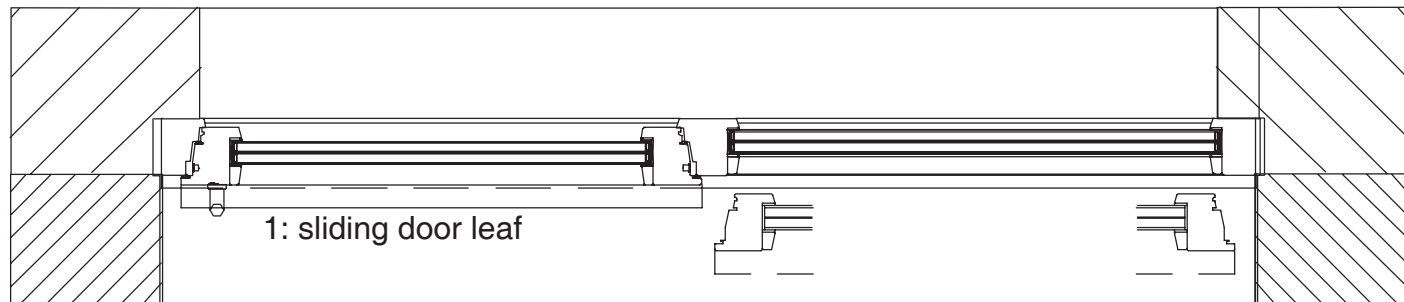
6.209  
SLIDING DOOR  
double french opening parallel sliding door, two fixed fields first opening part has to be defined



6.201.2  
SLIDING DOOR  
sliding door left opening to the right, fixed field right



6.204.2  
SLIDING DOOR  
sliding door opening to the right, two fixed fields



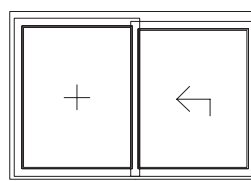
Standard: opening inwards - 1: sliding door leaf runs inside

## Type Overview

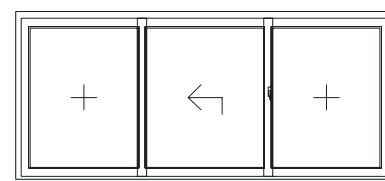
### 8.000 LIFT & SLIDING DOORS with flat threshold

Handle inside - grip outside

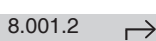
All drawings are showing the inside views



8.001.1  
LIFT & SLIDING DOOR  
lift & slide door right opening to the left, fixed field left



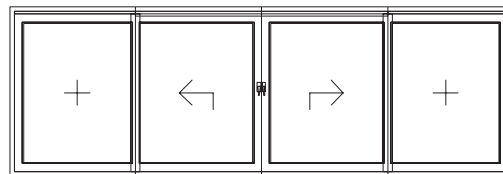
8.004.1  
LIFT & SLIDING DOOR  
lift & slide door opening to the left, two fixed fields



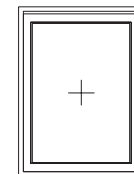
8.001.2  
LIFT & SLIDING DOOR  
lift & slide door left opening to the right, fixed field right



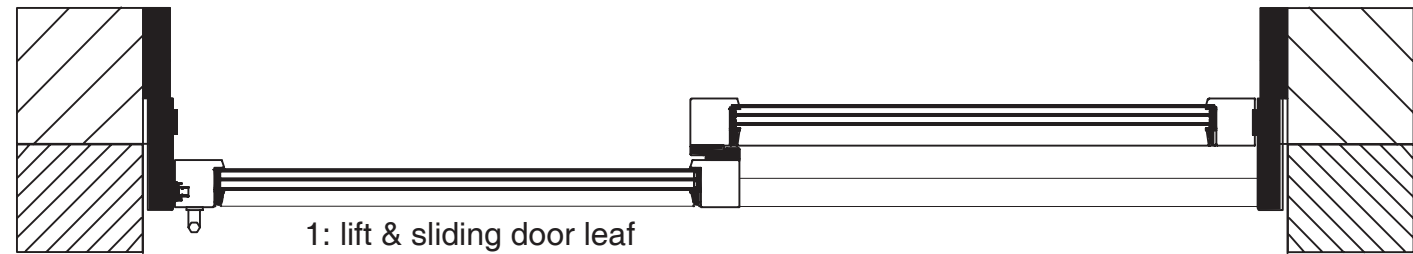
8.004.2  
LIFT & SLIDING DOOR  
lift & slide door opening to the right, two fixed fields



8.009  
LIFT & SLIDING DOOR  
double french opening lift & slide door, two fixed fields, without post two handles, both openings can be operated independently



8.021  
LIFT & SLIDING DOOR  
fixed field

Standard: opening inwards - 1: lift & sliding door leaf runs inside  
Our systems with flat threshold are wheelchair accessible.

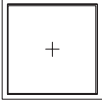
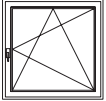
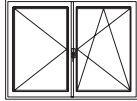
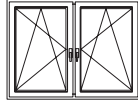
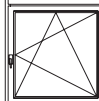
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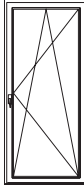
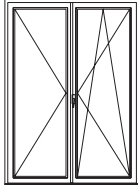
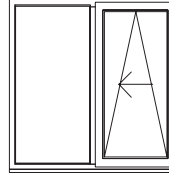
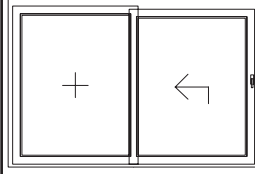

[illegible]

## SIZES - Minimum & Maximum Measurements

All drawings are showing the inside views

SYSTEM: WOOD & WOOD ALUMINIUM

					
TYPE	1.021	1.001	1.004	1.005	1.010
TYPE	FIXED WINDOW	WINDOW	WINDOW double french opening window	WINDOW double opening window with post	WINDOW single opening window with tilt window above
Width - Min	350	530	950	1020	530
Width - Max	2100	1400	2200	2700	1400
Height - Min	400	625	625	625	1400
Height - Max	2510	1950	2010	1950	2260

					
TYPE	1.101 & 5.000	1.104	6.000	8.000	2.000
TYPE	PATIO DOOR single opening swinging & lockable patio door	PATIO DOOR double french opening swinging door	SLIDE & TILT DOOR	LIFT & SLIDING DOOR	MAIN ENTRANCE DOOR
Width - Min	530	950	1630	1750	700
Width - Max	1100	1900	3600	4500	1250
Height - Min	1950	1950	1070	1000	1800
Height - Max	2510	2510	2385	2385	2500

Maximum transportable measurements of elements:  
max width 2300 mm - height adjustable or width adjustable - max height 2300mm  
Measurements over max sizes has to be divided.

We reserve the right for technical changes. Technical examination of the individual elements reserved. The sizes regulations are depending on the type of combination of the product types.

Special types and sizes available upon request. In case of very large sizes only turn wings possible.

All customer demands for sizes and function will be checked and confirmed technical.

## **Ludwig International GmbH**

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Fax: +49 (0)221 / 999 831 59

[sales@energate.com](mailto:sales@energate.com)

**[WWW.ENERGATE.COM](http://WWW.ENERGATE.COM)**

Window & door cutting sections are not to scale and for illustration purposes only.

We reserve the right to make technical changes.