RYTERNA







DINE NI SO 9001: 200 0
ZN: 15 100 956 5

ISO 9001:2015 ISO 14001:2015 ISO 14001:2015

TECHNICAL DATA
GARAGE DOORS

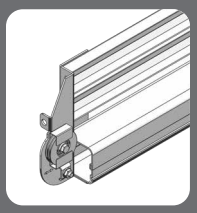
RYTERNA

CONTENT

05 R30 - UM
06 R40 - SM
07 R40 - UM
08 R40 - TM
09 R60 - SM
10 R60 - UM
11 R60 - TM
12 TL40 LHR - FM
13 TL40 LHR - RM
14 TL40 STD
15 TL60 LHR - FM
16 TL60 LHR - RM
17 TL60 STD
18 OPTIONS TO REDUCE HEADROOM AND INCREASE DAYLIGHT OPENING
19 TL40 LHR - FM PR
20 TL40 LHR - RM PR
21 TL40 STD PR
22 DOOR SIZE, PITCH ANGLE AND REQUIRED HEADROOM CORRELATION
23 SIDE SLIDING SECTIONAL DOORS SSD
25 PANEL TYPES
30 REINFORCEMENT PROFILES ON SANDWICH PANELS
31 ALU-FRAMED PANEL TYPES
32 RETRO
35 STAINLESS STEEL DECOR ELEMENTS OPTIONS
37 STAINLESS STEEL WINDOWS
38 PVC WINDOWS
41 WICKET DOORS
45 SIDE HINGED DOORS SH1
48 SIDE HINGED DOORS SH2
51 ALUMINIUM INSULATED DOORS SH2 THERMO

TRACKS





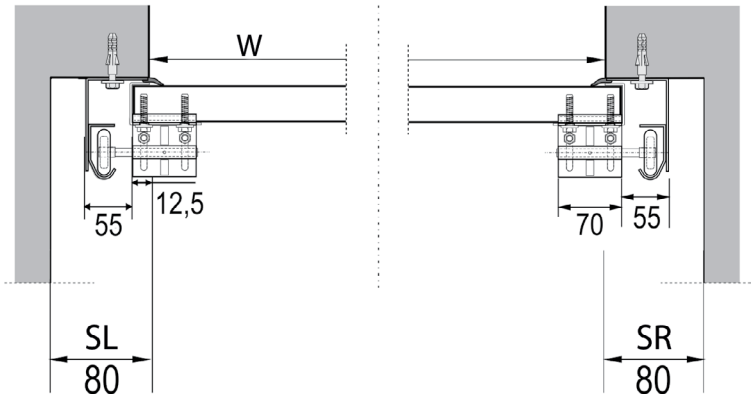
R30 - **UM**

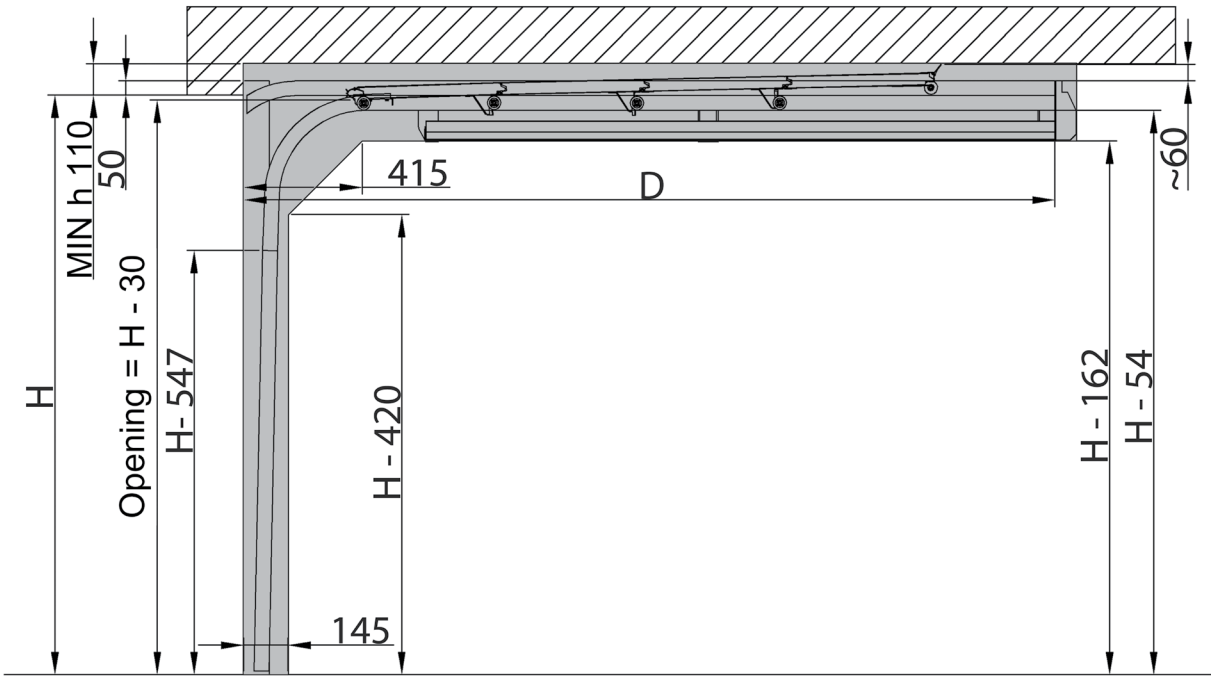
RYTERNA

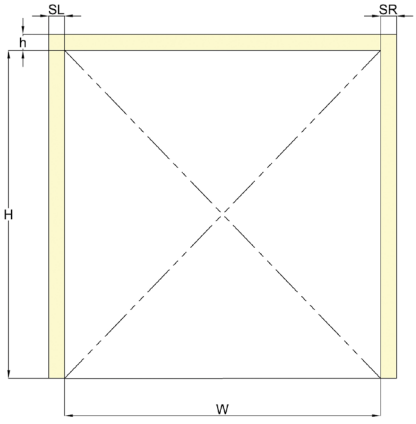
h (headroom)	110 (manual) 150 (with el. operator)
SL / SR (sideroom)	80
Daylight opening	H - 30 (with el. operator)

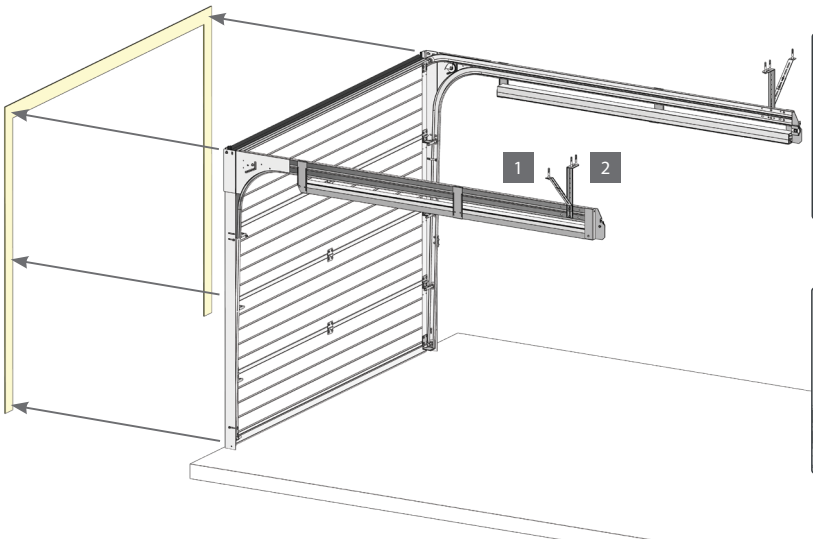
H	D
≤ 2070	**2680**
2071 - 2125	**2880**
2451 - 2500	**3007**

Number of required suspensions	
W ≤ 3000	1 suspension per side

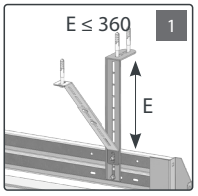




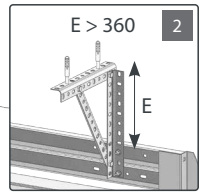




STANDARD

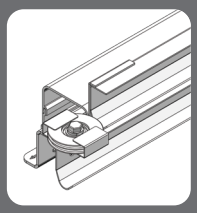


OPTIONAL



All dimensions are given in millimetres (mm).

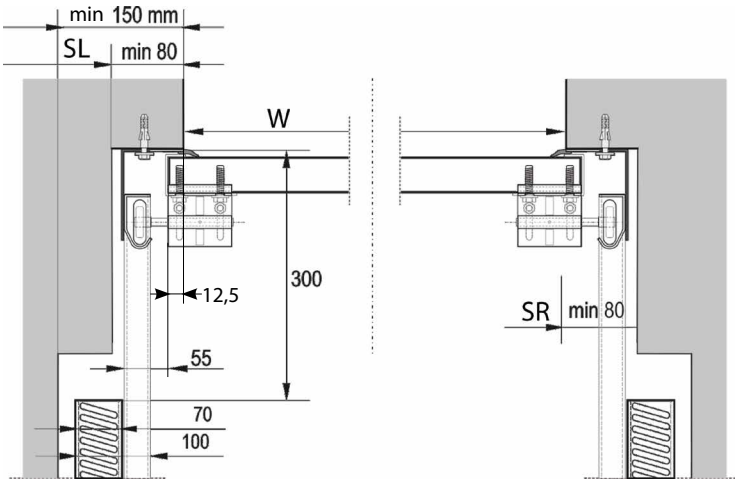
R40 - **SM**



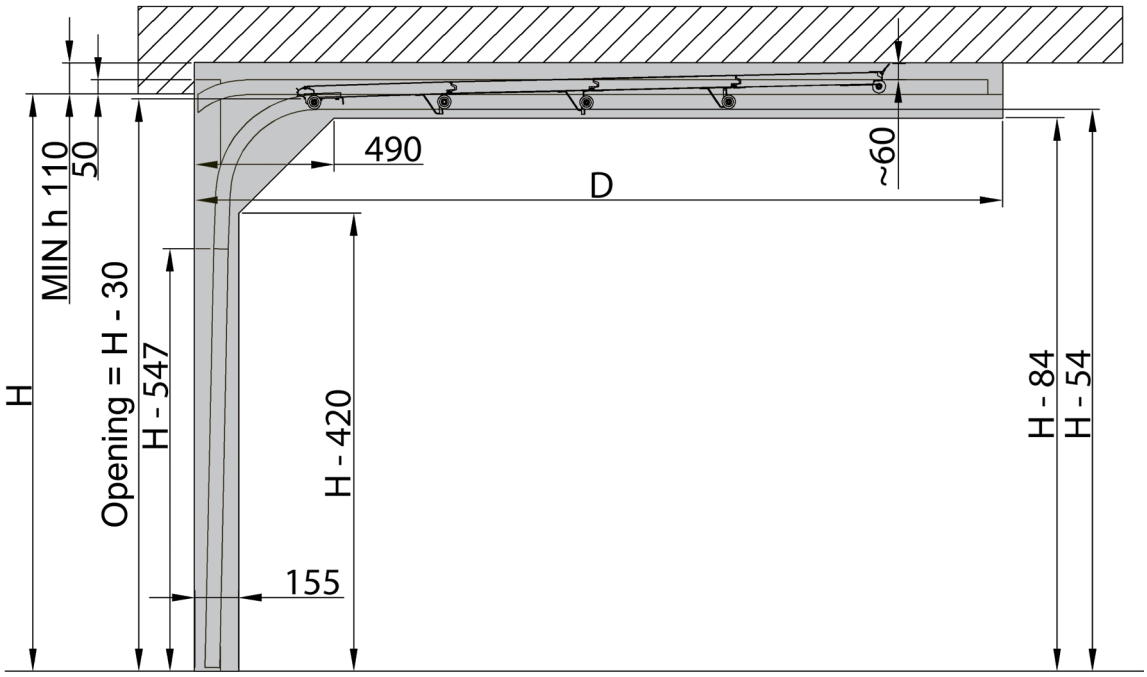
h (headroom)	110 (manual) 150 (with el. operator)
SL / SR (sideroom)	150
Daylight opening	H - 30 (with el. operator)

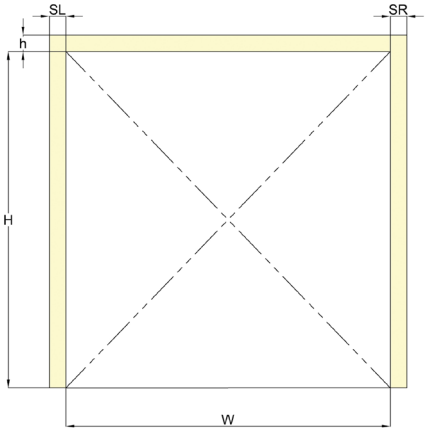
H	D
≤ 2070	**2720**
2071 - 2270	**2920**
2271 - 2400	**3047**
2401 - 2500	**3300**

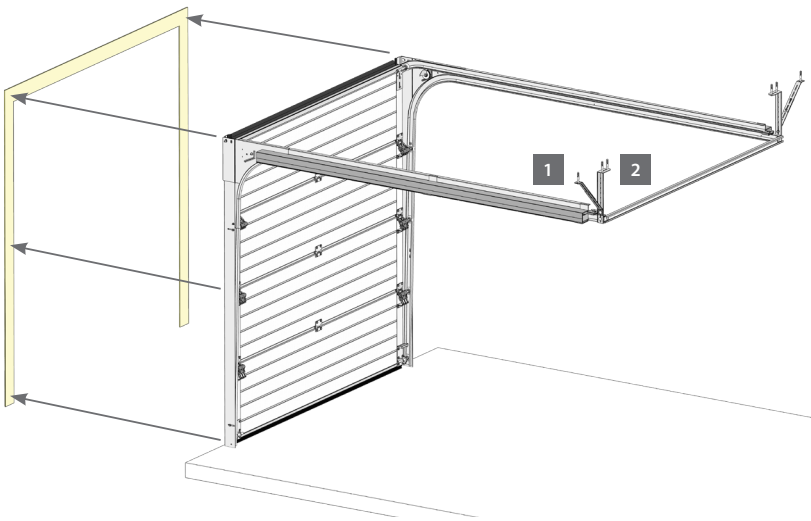
Number of required suspensions	
W ≤ 3000	1 suspension per side
W > 3000	2 suspensions per side



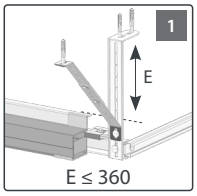
See page 18 for options to reduce required headroom and increase daylight opening.



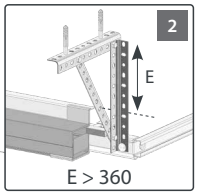




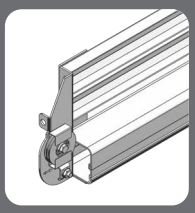
STANDARD



OPTIONAL



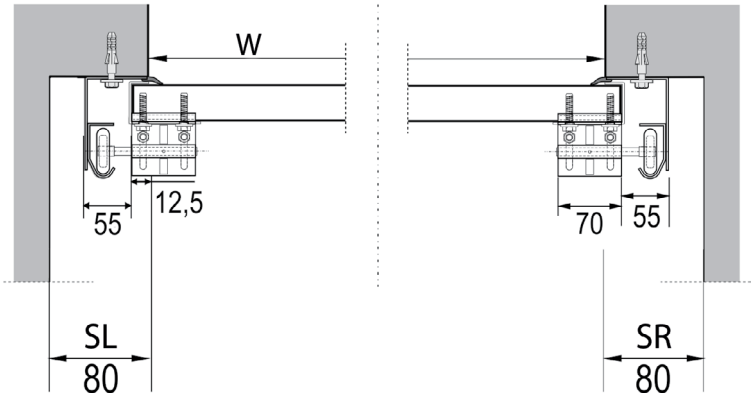
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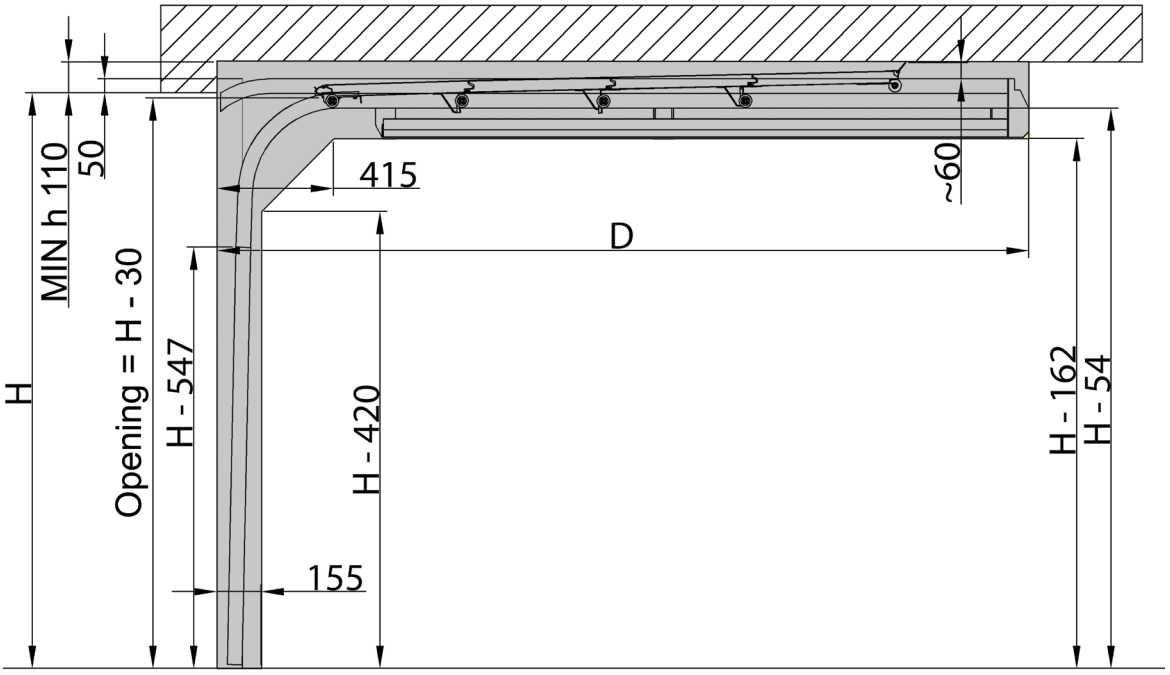
h (headroom)	110 (manual) 150 (with el. operator)
SL / SR (sideroom)	80
Daylight opening	H - 30 (with el. operator)

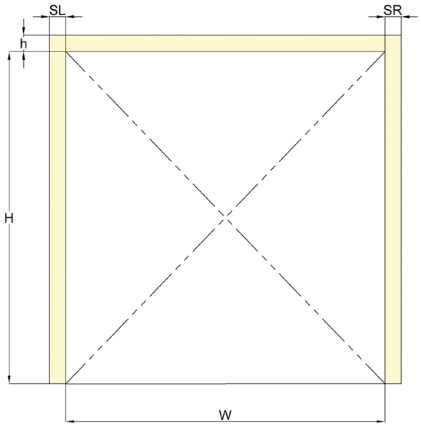
H	D
≤ 2070	**2680**
2071 - 2270	**2880**
2271 - 2400	**3007**
2401 - 2500	**3260**

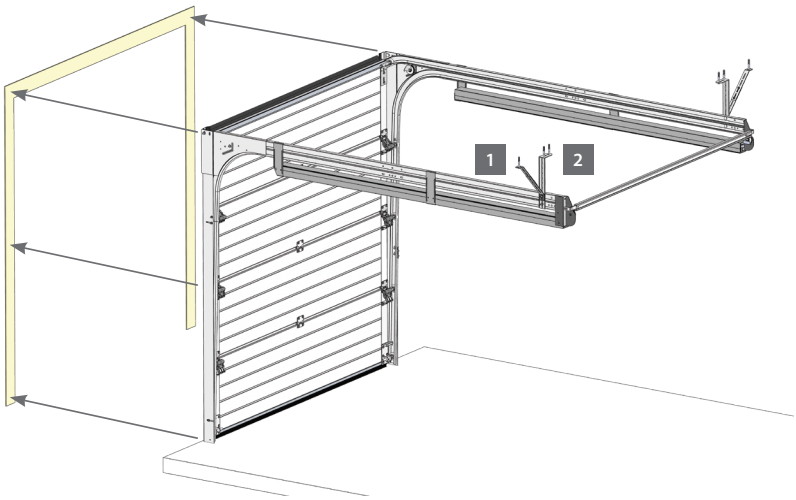
Number of required suspensions	
W ≤ 3000	1 suspension per side
W > 3000	2 suspensions per side



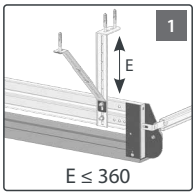
See page 18 for options to reduce required headroom and increase daylight opening.



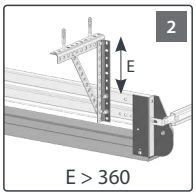




STANDARD

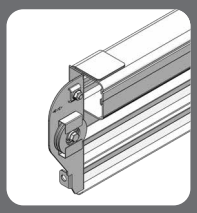


OPTIONAL



All dimensions are given in millimetres (mm).

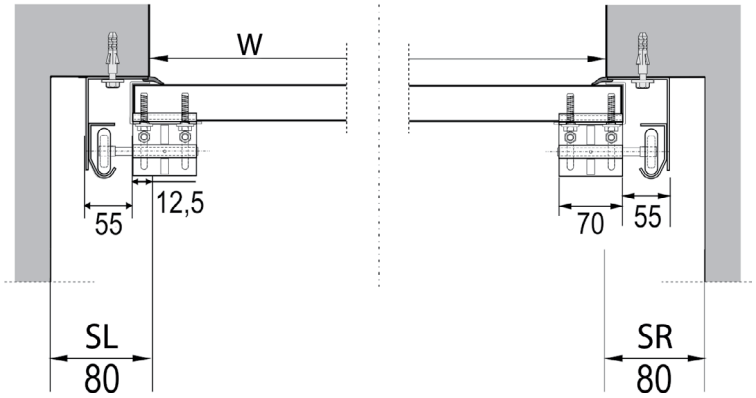
R40 - **TM**

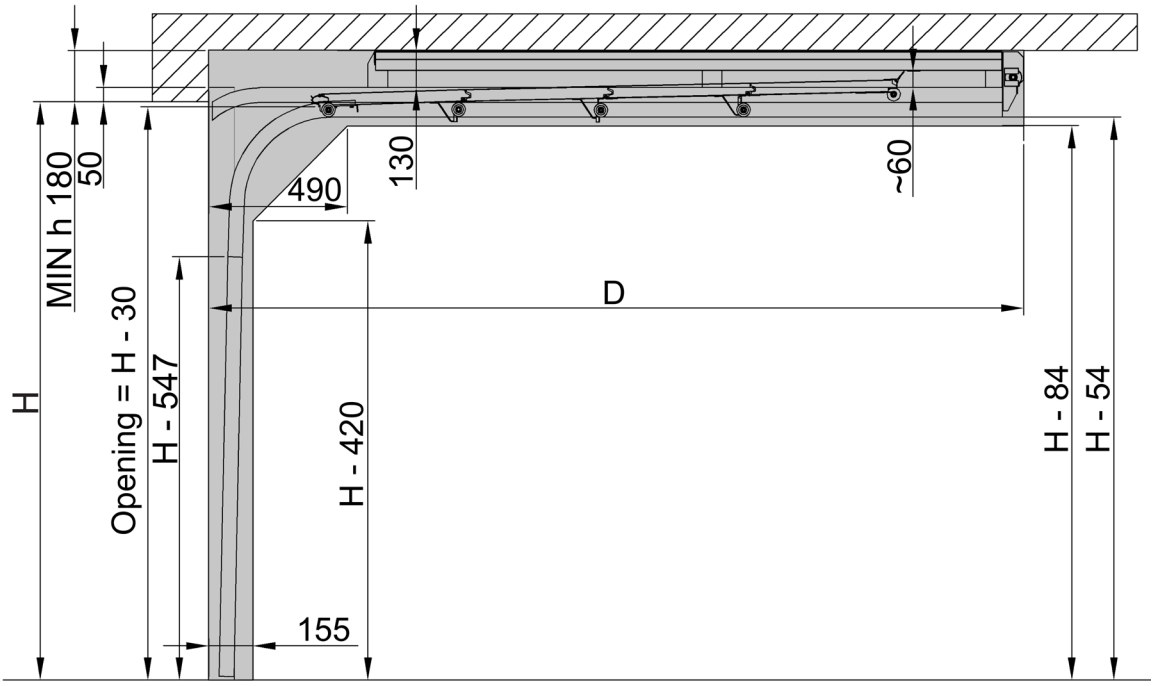


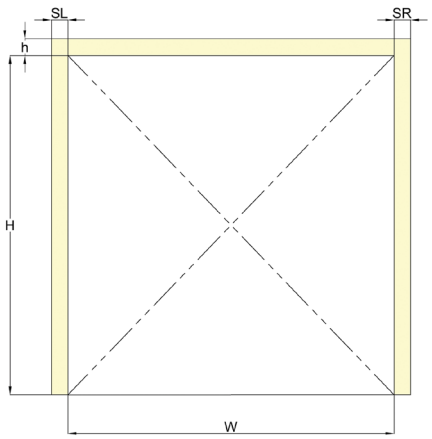
h (headroom)	180 (with el. operator or manual)
SL / SR (sideroom)	80
Daylight opening	H - 30 (with el. operator)

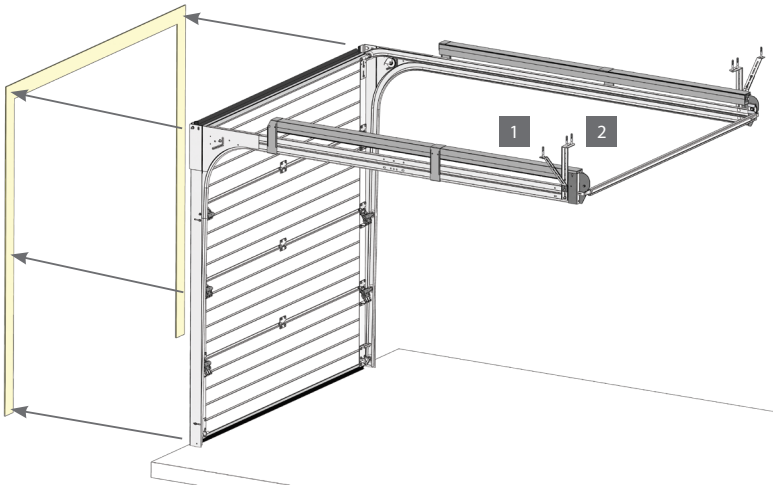
H	D
≤ 2125	**2880**
2126 - 2250	**3007**
2251 - 2500	**3260**

Number of required suspensions	
W ≤ 3000	1 suspension per side
W > 3000	2 suspensions per side

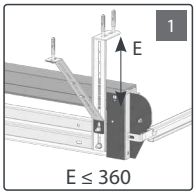




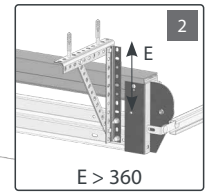




STANDARD



OPTIONAL

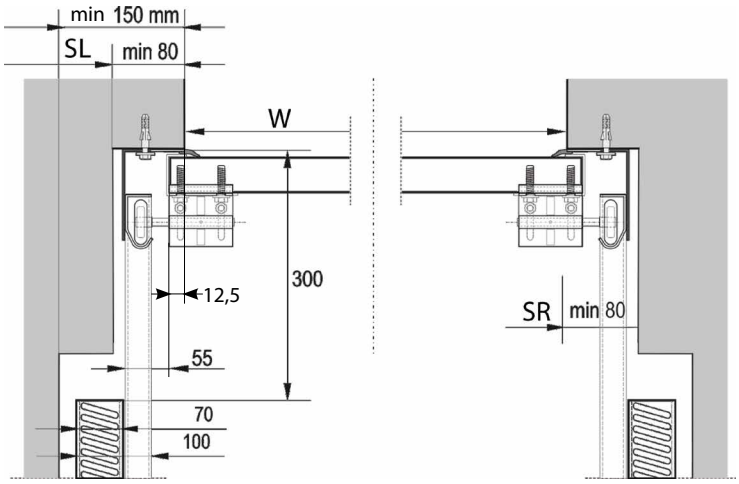


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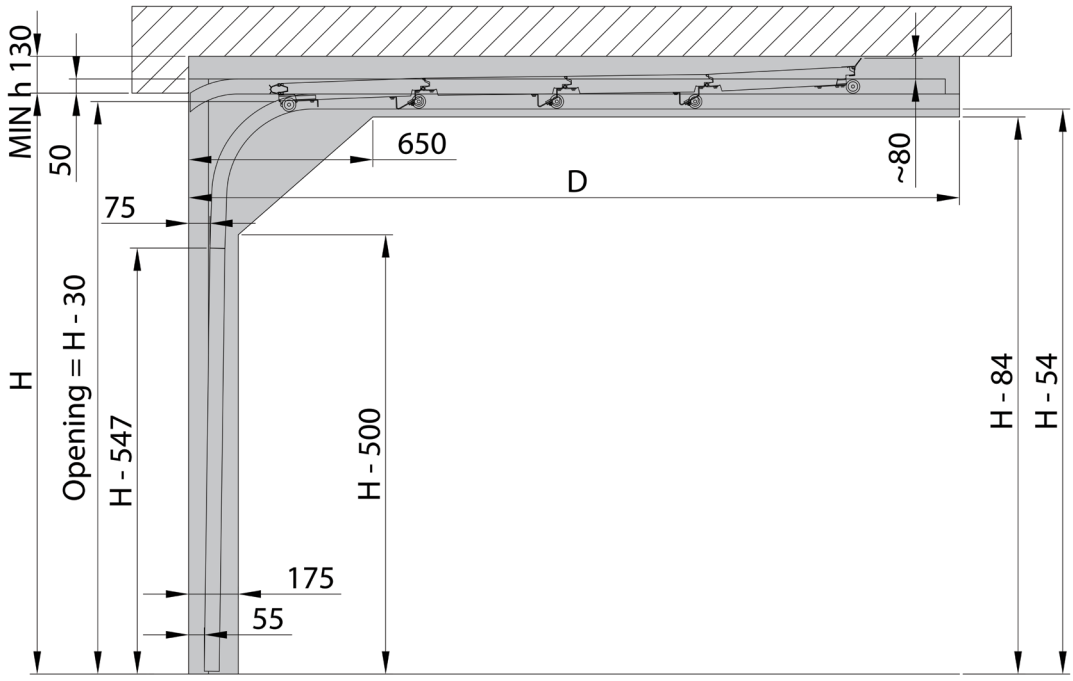
h (headroom)	130 (manual) 170 (with el. operator)
SL / SR (sideroom)	80
Daylight opening	H - 30 (with el. operator)

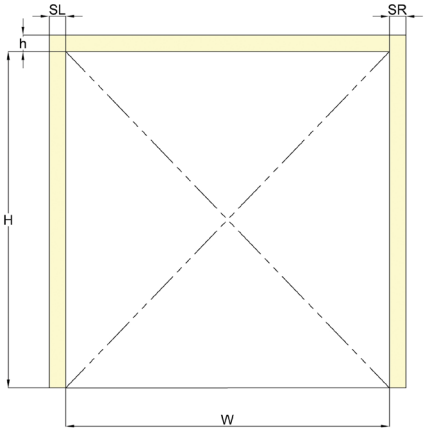
H	D
≤ 2070	**2720**
2071 - 2270	**2920**
2271 - 2400	**3047**
2401 - 2500	**3300**

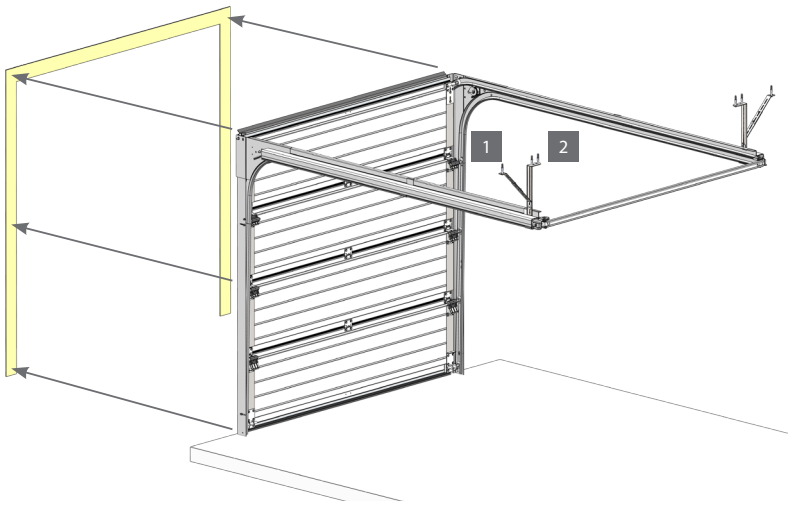
Number of required suspensions	
W ≤ 3000	1 suspension per side
W > 3000	2 suspensions per side



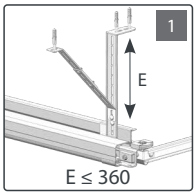
See page 18 for options to reduce required headroom and increase daylight opening.



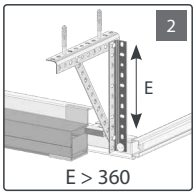




STANDARD

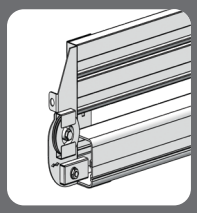


OPTIONAL



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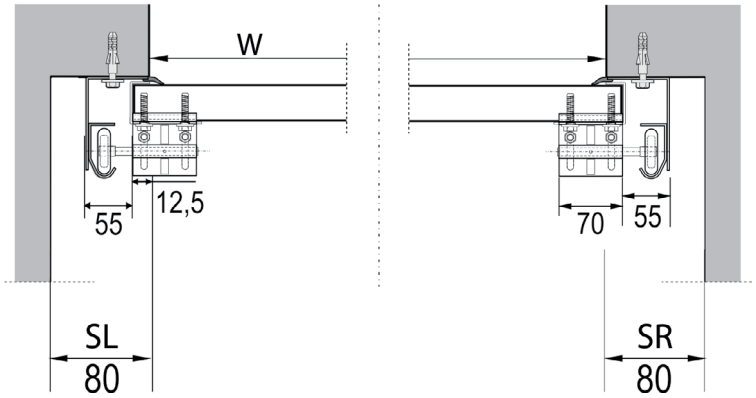
R60 - **UM**



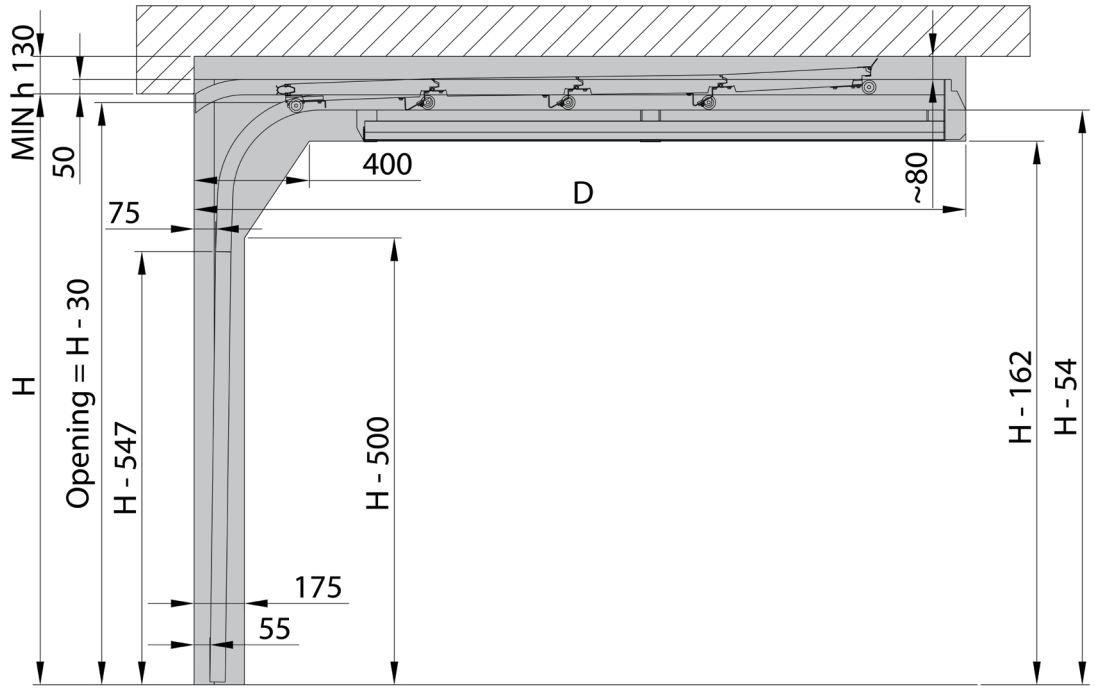
h (headroom)	130 (manual) 170 (with el. operator)
SL / SR (sideroom)	80
Daylight opening	H - 30 (with el. operator)

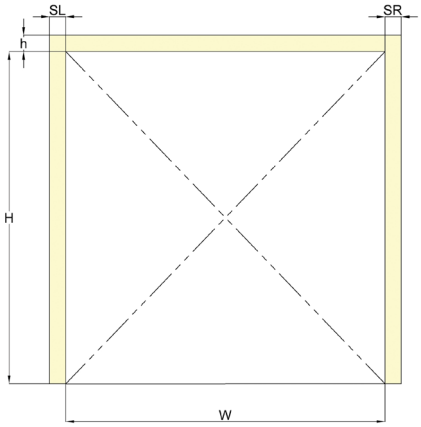
H	D
≤ 2070	**2680**
2071 - 2270	**2880**
2271 - 2400	**3007**
2401 - 2500	**3260**

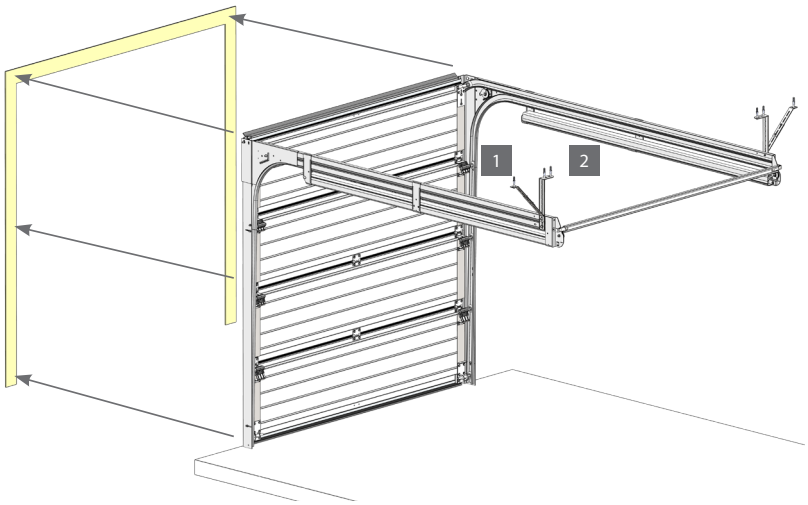
Number of required suspensions	
W ≤ 3000	1 suspension per side
W > 3000	2 suspensions per side



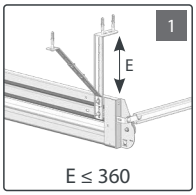
See page 18 for options to reduce required headroom and increase daylight opening.



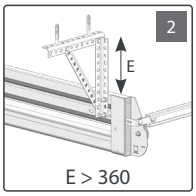




STANDARD



OPTIONAL

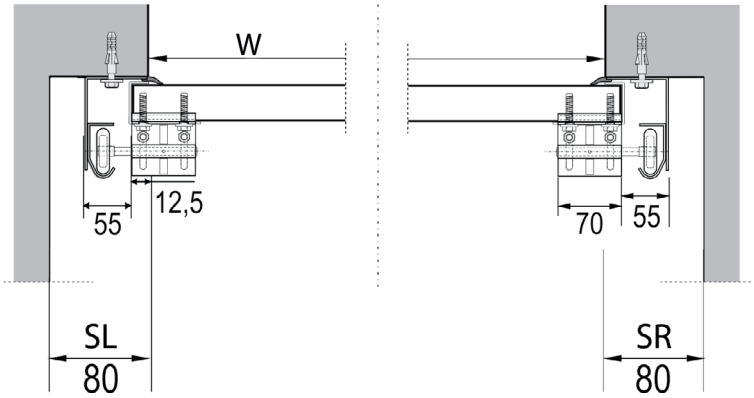


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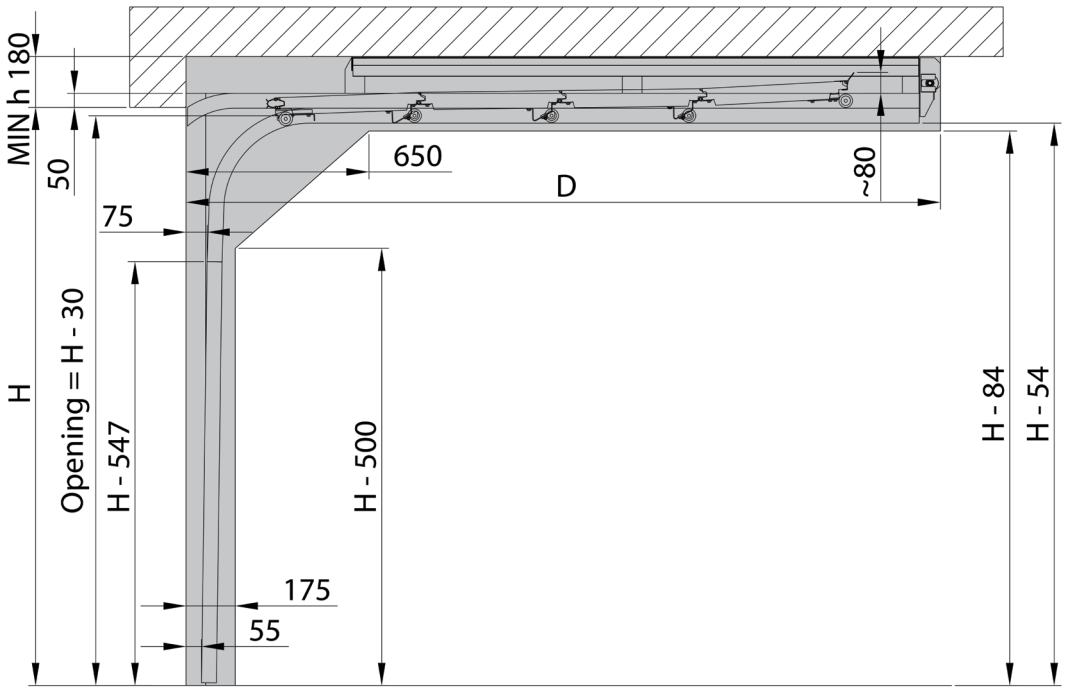
h (headroom)	180 (with el. operator or manual)
SL / SR (sideroom)	80
Daylight opening	H - 30 (with el. operator)

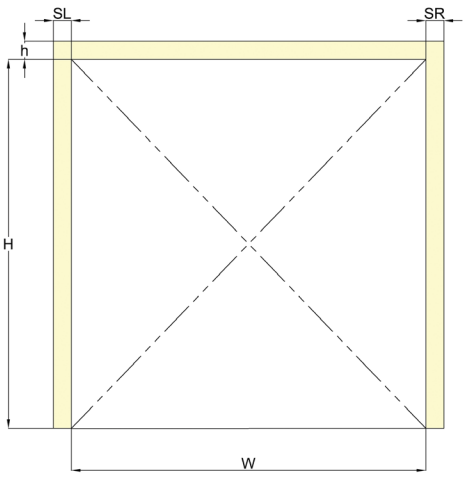
H	D
≤ 2125	**2880**
2126 - 2250	**3007**
2251 - 2500	**3260**

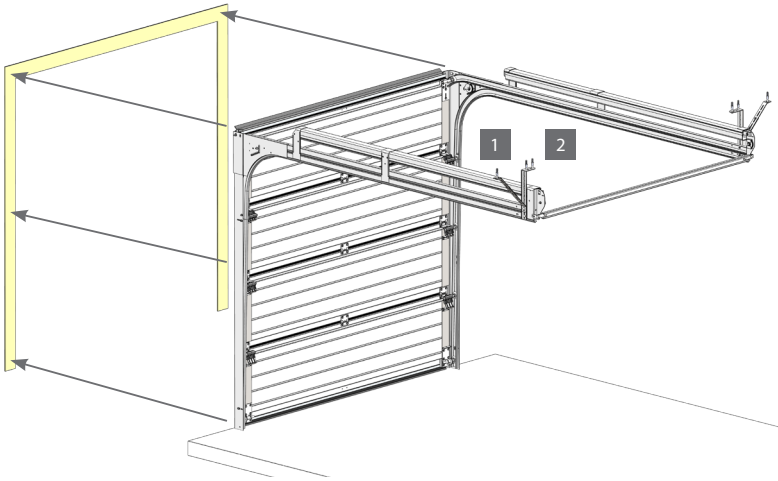
Number of required suspensions	
W ≤ 3000	1 suspension per side
W > 3000	2 suspensions per side



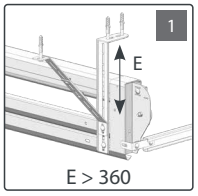
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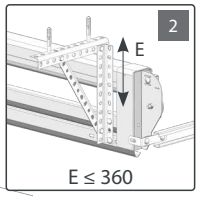




STANDARD



OPTIONAL

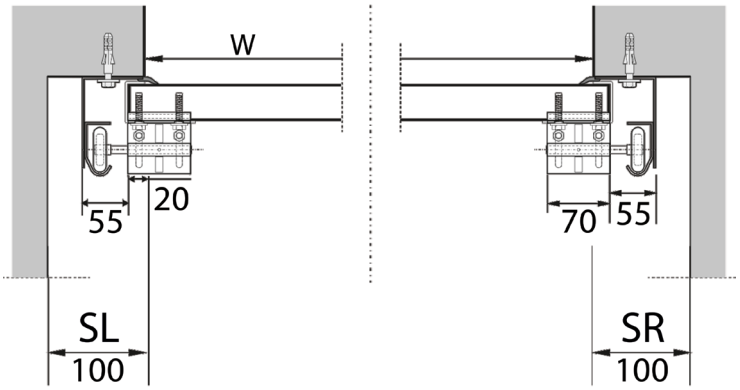


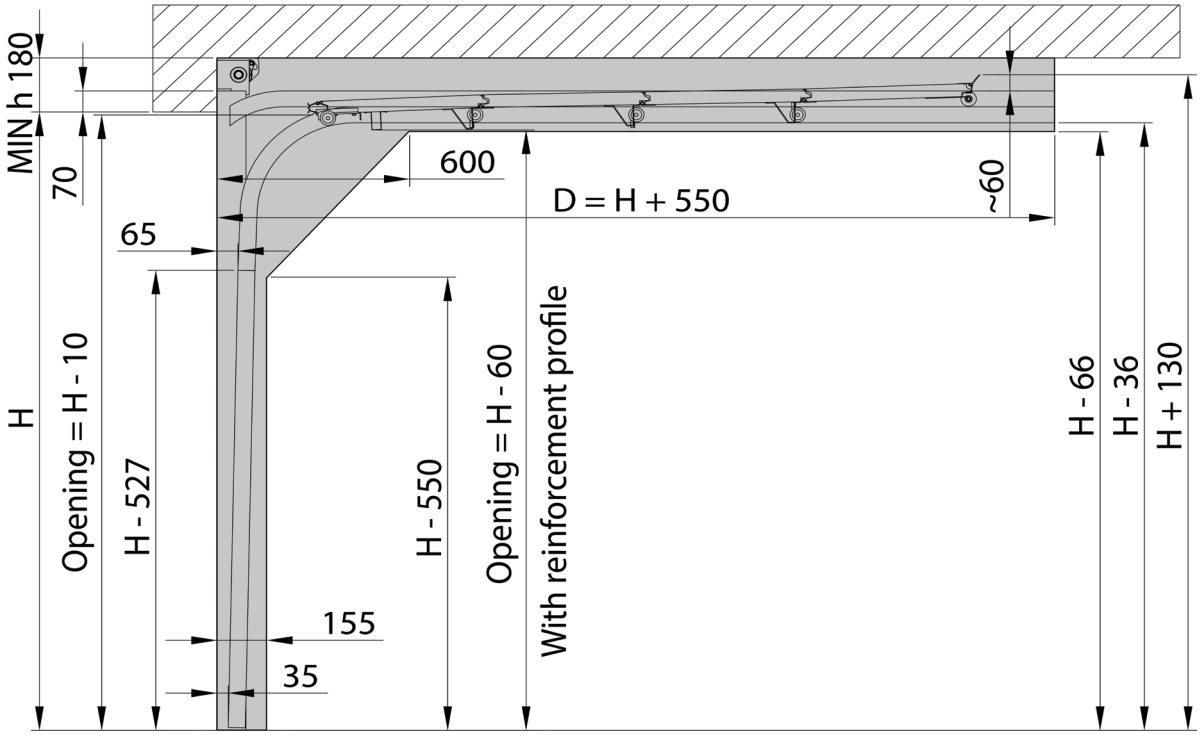
All dimensions are given in millimetres (mm).

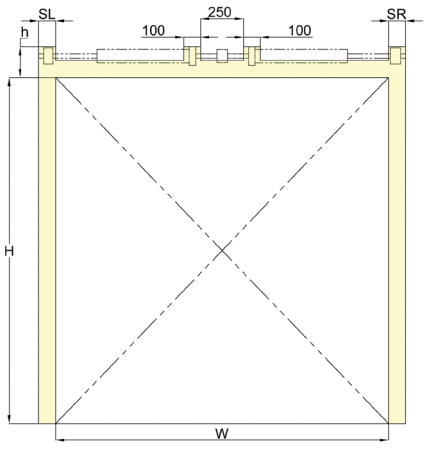
TL40 **LHR - FM**

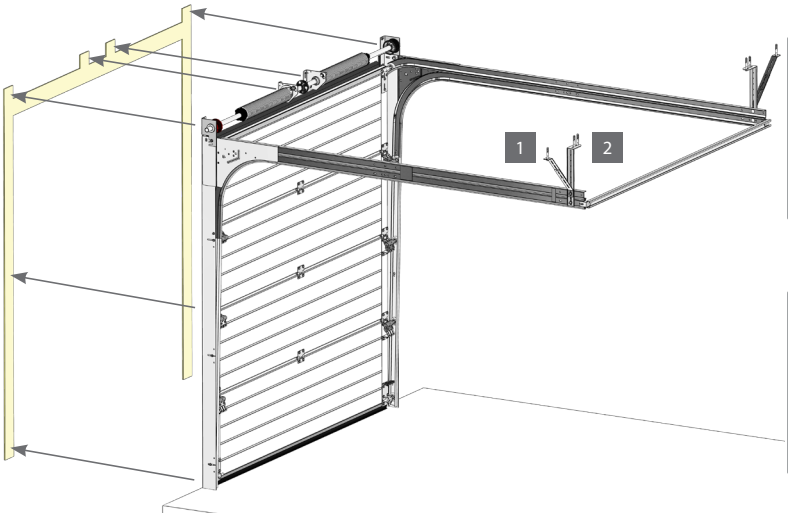
h (headroom)	180 (with el. operator and manual)
SL / SR (sideroom)	100
Daylight opening	H - 130 (manual) H - 10 (with el. operator) H - 60, W ≥ 4500 (with el. operator)
D (fitting depth)	H + 550

Number of required suspensions	
W ≤ 3000	1 suspension per side
W > 3000	2 suspensions per side

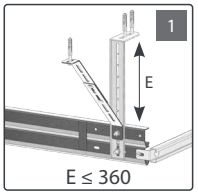




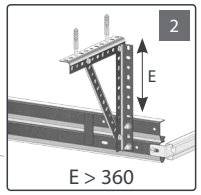




STANDARD



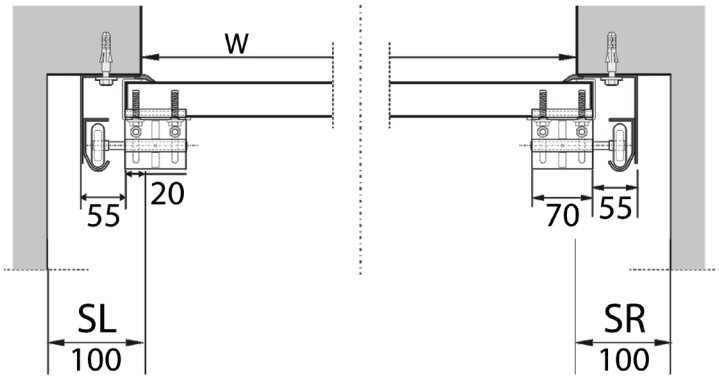
OPTIONAL



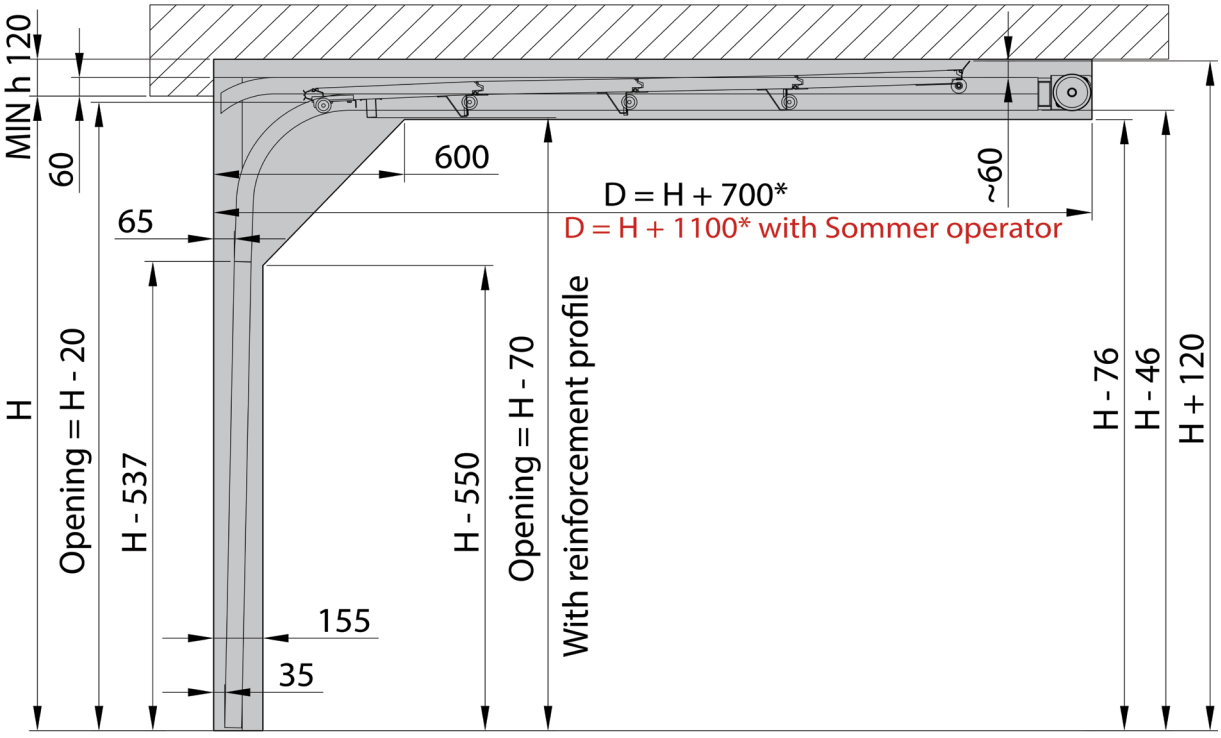
All dimensions are given in millimetres (mm).

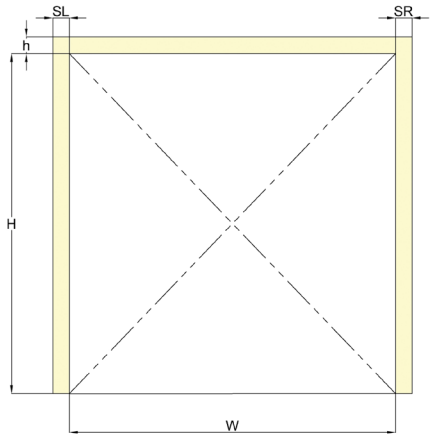
h (headroom)	120 (manual) 160 (with el. operator)
SL / SR (sideroom)	100
Daylight opening	H - 160 (manual) H - 20 (with el. operator) H - 70, W ≥ 4500 (with el. operator)
D (fitting depth)	H + 700 H + 1100 with Sommer operator

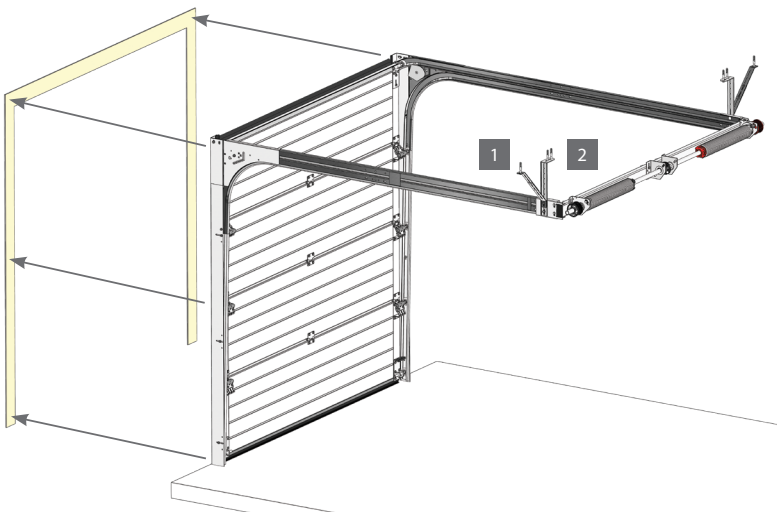
Number of required suspensions	
W ≤ 3000	1 suspension per side
W > 3000	2 suspensions per side



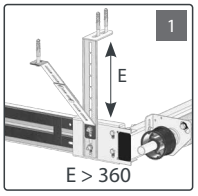
See page 18 for options to reduce required headroom and increase daylight opening.



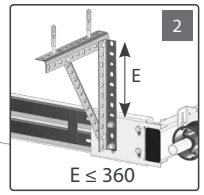




STANDARD



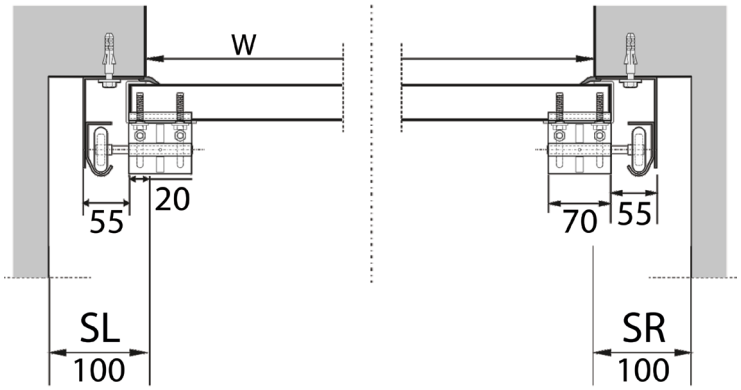
OPTIONAL

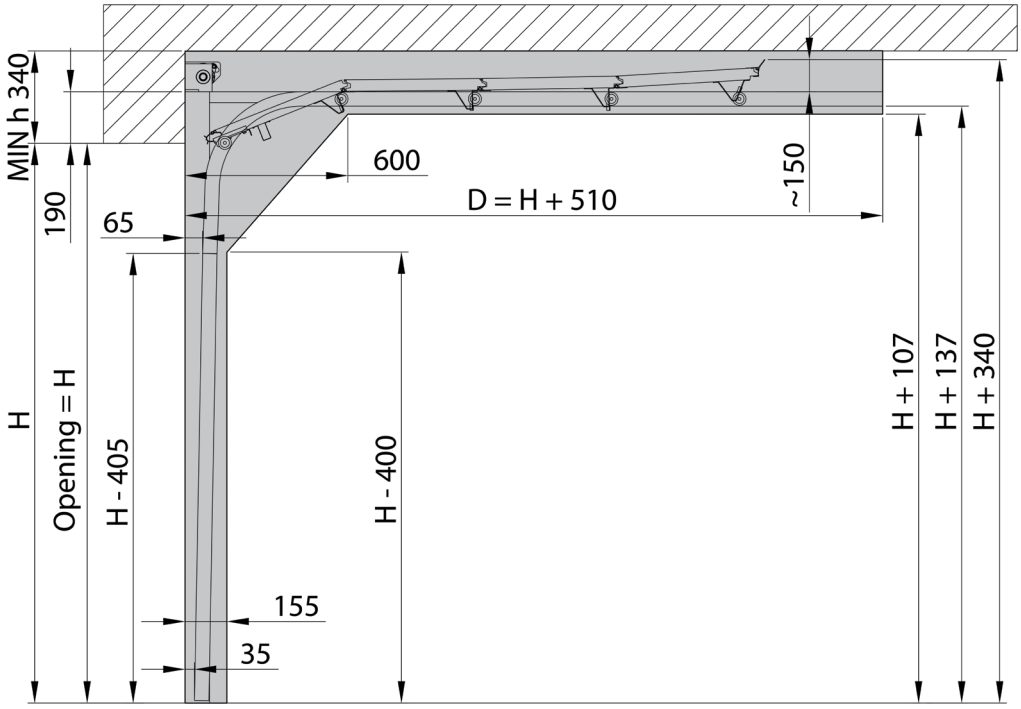


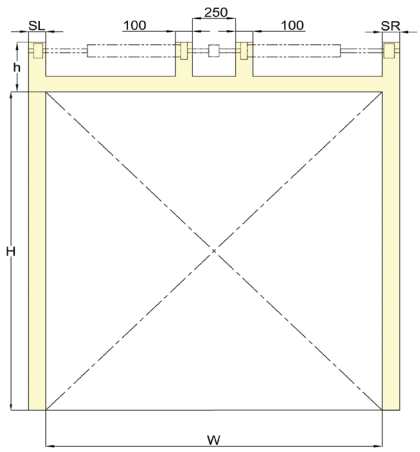
All dimensions are given in millimetres (mm).

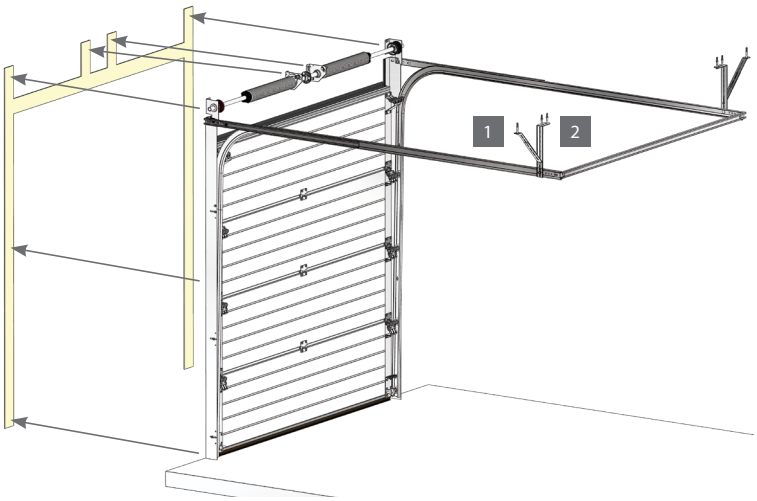
h (headroom)	340 (manual) 370 (with el. operator)
SL / SR (sideroom)	100
Daylight opening	H
D (fitting depth)	H + 510

Number of required suspensions	
W ≤ 3000	1 suspension per side
W > 3000	2 suspensions per side

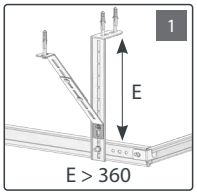




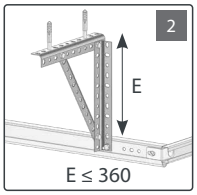




STANDARD



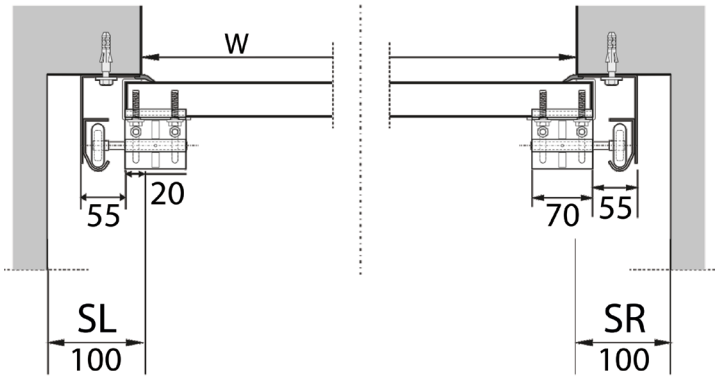
OPTIONAL

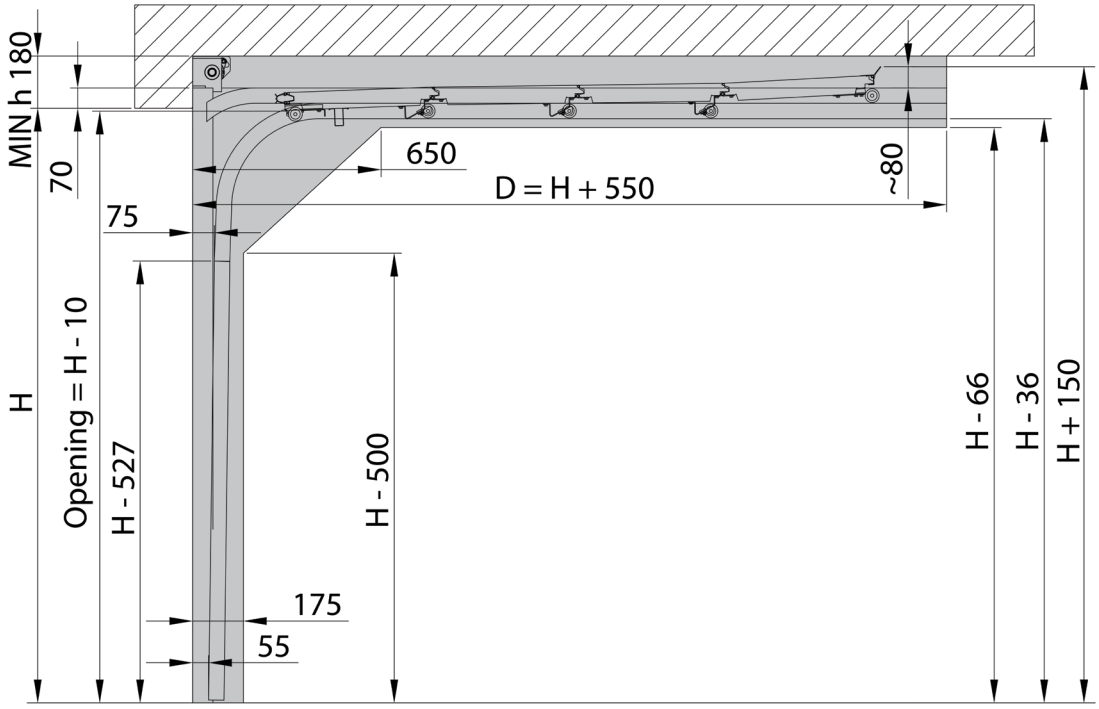


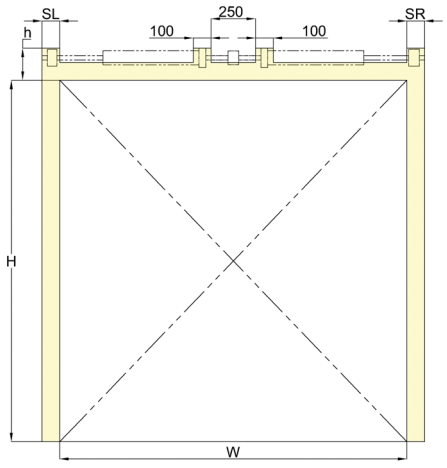
All dimensions are given in millimetres (mm).

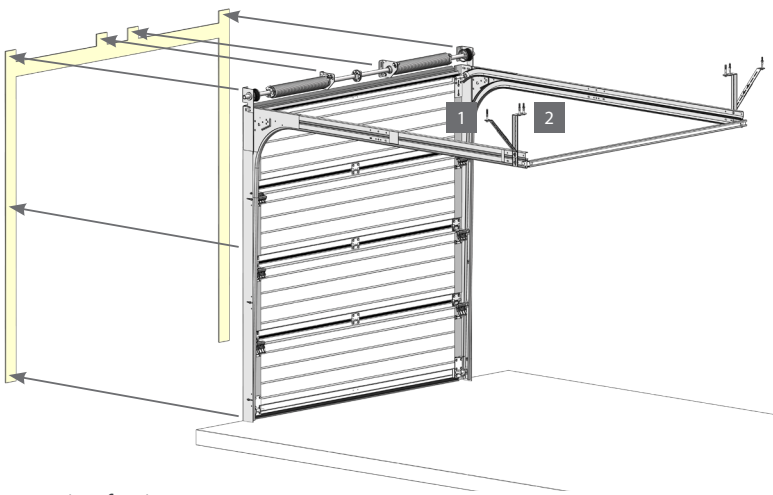
h (headroom)	180 (with el. operator and manual)
SL / SR (sideroom)	100
Daylight opening	H - 130 (manual) H - 10 (with el. operator) H - 50, W ≥ 4500 (with el. operator)
D (fitting depth)	H + 550

Number of required suspensions	
W ≤ 3000	1 suspension per side
W > 3000	2 suspensions per side

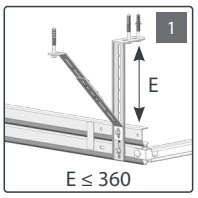




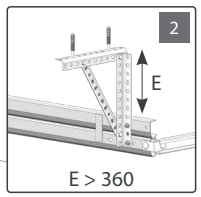




STANDARD



OPTIONAL



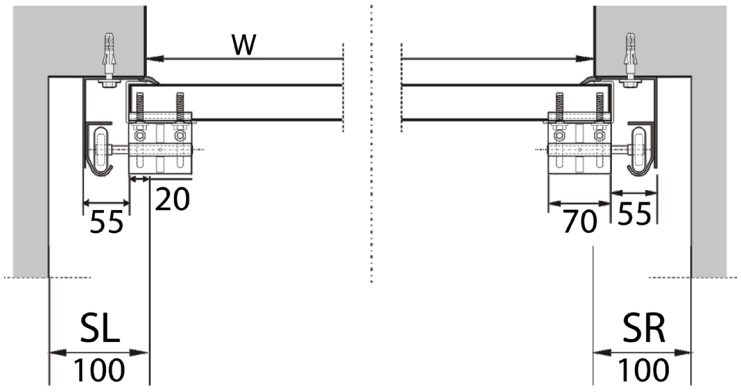
For W > 5000, consult the manufacturer regarding the quantity of springs.

All dimensions are given in millimetres (mm).

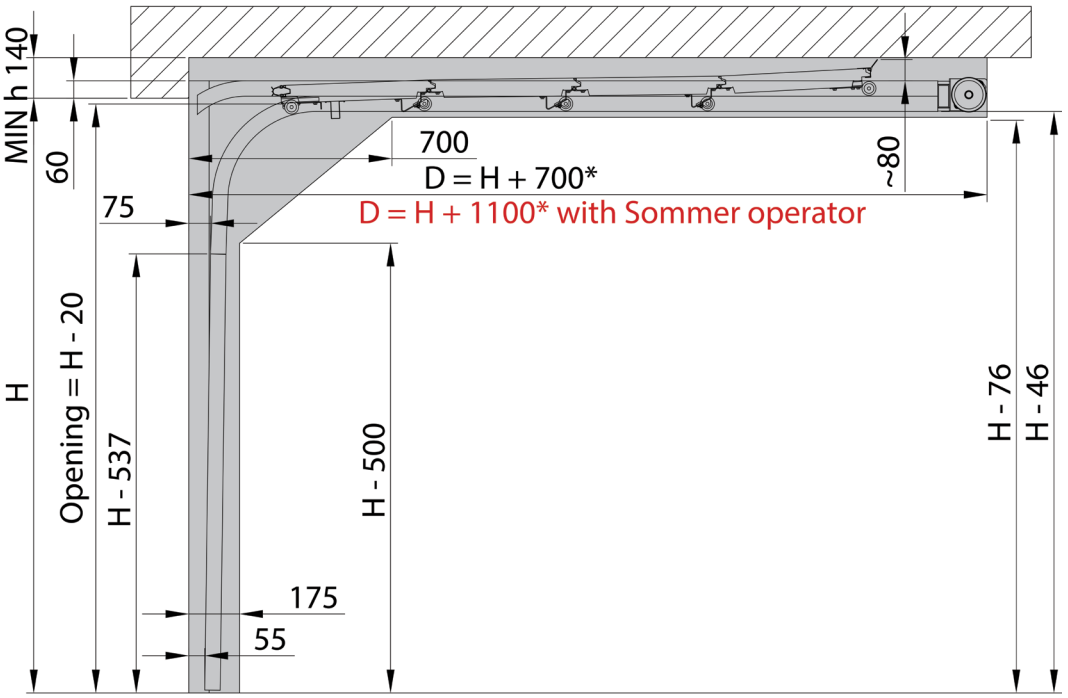
TL60 **LHR - RM**

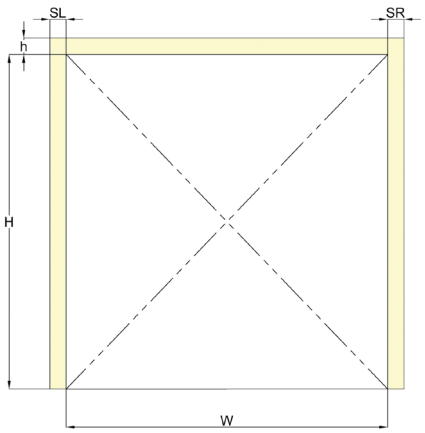
h (headroom)	140 (manual) 180 (with el. operator)
SL / SR (sideroom)	100
Daylight opening	H - 160 (manual) H - 20 (with el. operator) H - 60, W ≥ 4500 (with el. operator)
D (fitting depth)	H + 700 H + 1100 with Sommer operator

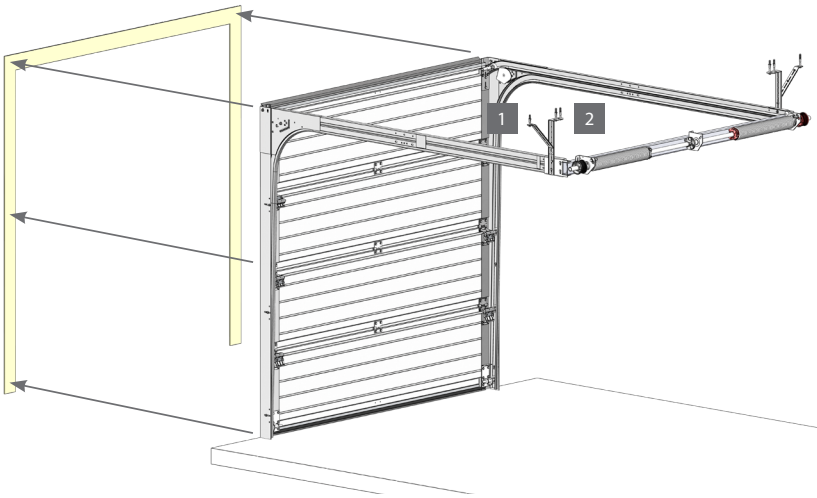
Number of required suspensions	
W ≤ 3000	1 suspension per side
W > 3000	2 suspensions per side



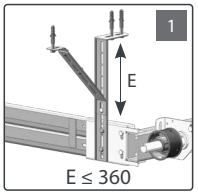
See page 18 for options to reduce required headroom and increase daylight opening.



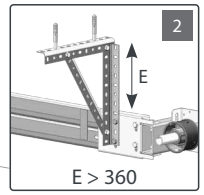




STANDARD



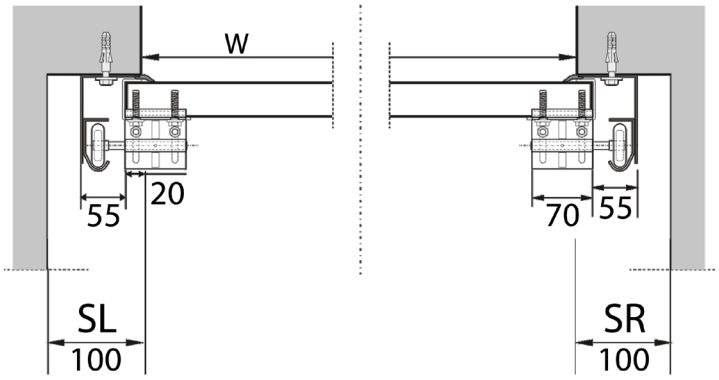
OPTIONAL

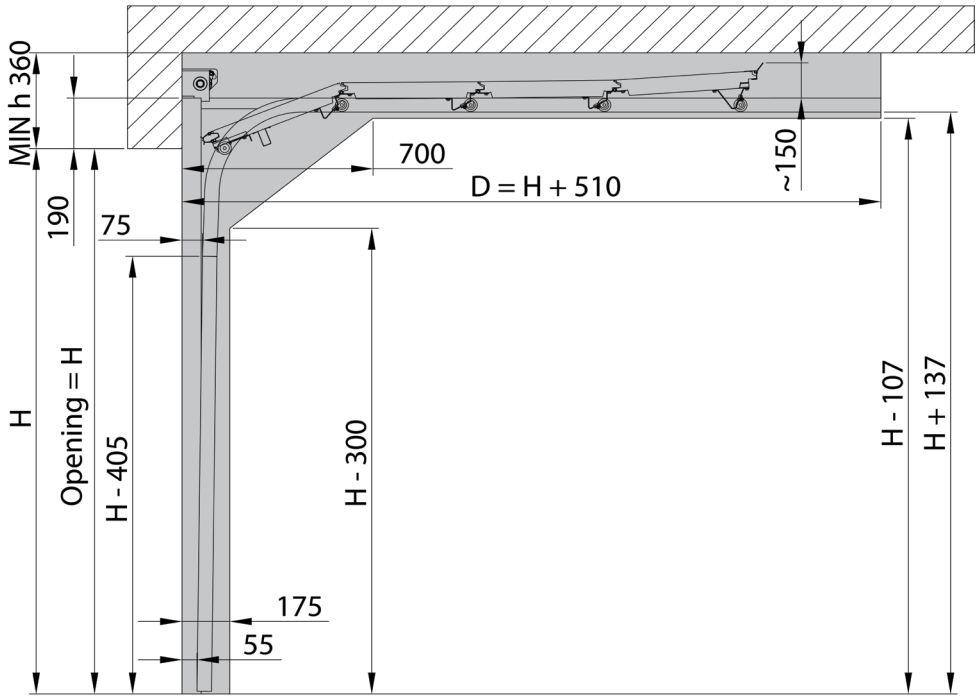


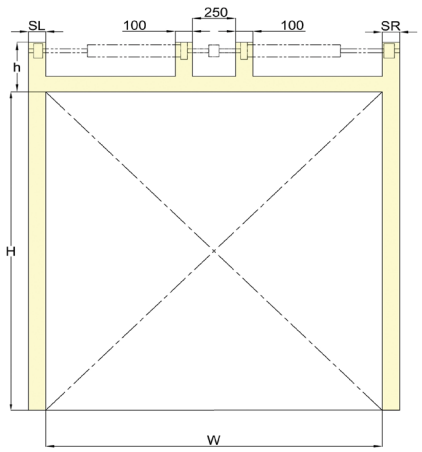
All dimensions are given in millimetres (mm).

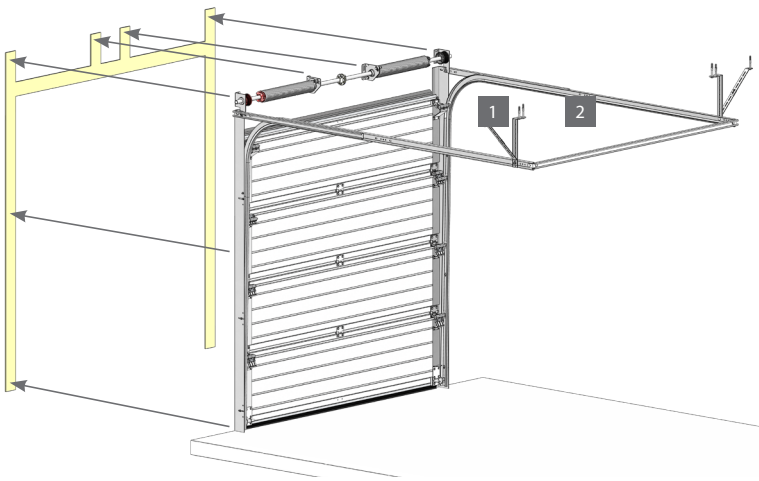
h (headroom)	360 (manual) 390 (with el. operator)
SL / SR (sideroom)	100
Daylight opening	H
D (fitting depth)	H + 510

Number of required suspensions	
W ≤ 3000	1 suspension per side
W > 3000	2 suspensions per side

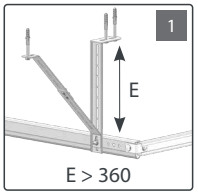




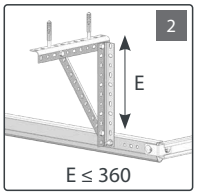




STANDARD



OPTIONAL



All dimensions are given in millimetres (mm).

Additional options to reduce required headroom and increase daylight opening

Min headroom (mm)								
Equipment	Model							
	R40 SM		R40 UM		R40 TM		TL40 LHR-RM	
	Manual	Operator	Manual	Operator	Manual	Operator	Manual	Operator
Standard top brackets and top weather seal on panel	110	150	110	150	180	180	120	160
Standard top brackets and top weather seal on lintel	90	130	90	130	180	180	90	130
Top weather seal on lintel + LHR top brackets (18023)	70	110	-	-	180	180	80	120
Compact tracks* *Option available for doors up to (R40 3500,TL 4500) (opening width)	-	110 (70+40)	-	110 (70+40)	-	-	-	110 (70+40)*
Universal lock (22008)	95	-	95	-	180	-	105	-
Knob lock (22009)	100	-	100	-	180	-	110	-
With wicket door	-	-	-	-	-	-	105	-

Min headroom (mm)								
Equipment	Model							
	R60 SM		R60 UM		R60 TM		TL60 LHR-RM	
	Manual	Operator	Manual	Operator	Manual	Operator	Manual	Operator
Standard top brackets and top weather seal on panel	130	170	130	170	180	180	140	180
Standard top brackets and top weather seal on lintel	110	150	110	150	180	180	110	150
Top weather seal on lintel + LHR top brackets (18023)	90	130	-	-	180	180	100	140
Compact tracks	-	-	-	-	-	-	-	-
Universal lock (22008)	105	-	105	-	180	-	125	-
Knob lock (22009)	-	-	-	-	-	-	-	-
With wicket door	-	-	-	-	-	-	-	-

Max daylight opening (mm)								
Model								
R40 / R60 SM		R40 / R60 UM		R40 / R60 TM		TL40 / TL60 LHR-RM		
Manual	Operator	Manual	Operator	Manual	Operator	Manual	Operator	
H-120	H-30	H-120	H-30	H-120	H-30	H-160	H-20 (W ≤ 4500) H-60 (W > 4500)	

For full daylight opening use extended vertical tracks +30 (R40/R60 UM/SM/TM), +20 LHR-RM (W<=4500).

You need more headroom (+30 or +20) then required min headroom.

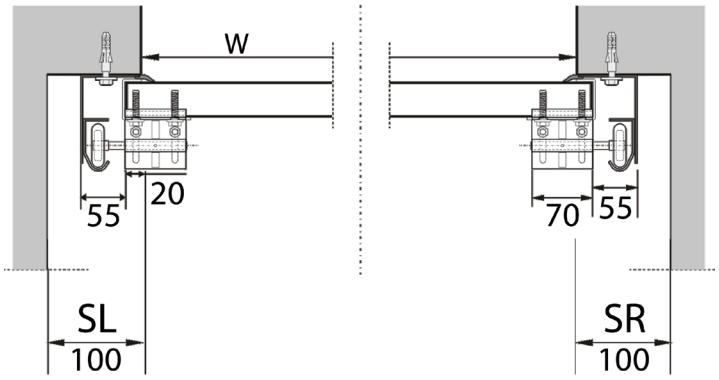
Fitting depth (mm)				
Opening H, mm	Model			
	R40 / R60 SM	R40 / R60 UM	R40 / R60 TM	TL40 / TL60 LHR-RM
≤ 2070	2720	2680	2680	H+700
2071-2270	2920	2880	2880	H+700
2271-2400	3047	3007	3007	H+700
2401-2500	3300	3260	3260	H+700

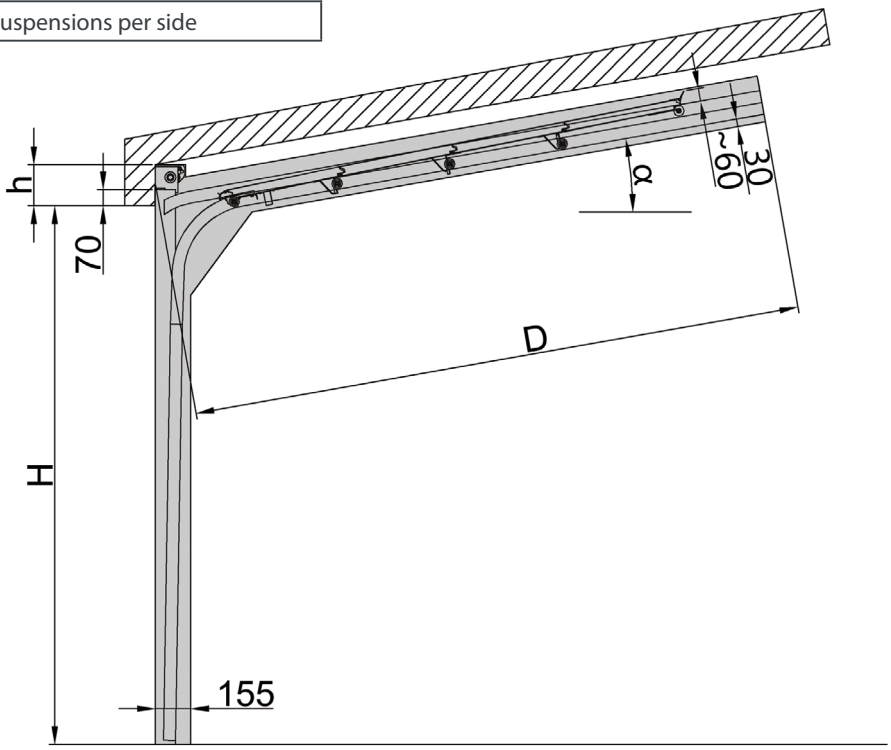
Min sideroom (mm)			
Model			
R40 / R60 SM	R40 / R60 UM	R40 / R60 TM	TL40 / TL60 LHR-RM
150	80	80	100

All dimensions are given in millimetres (mm).

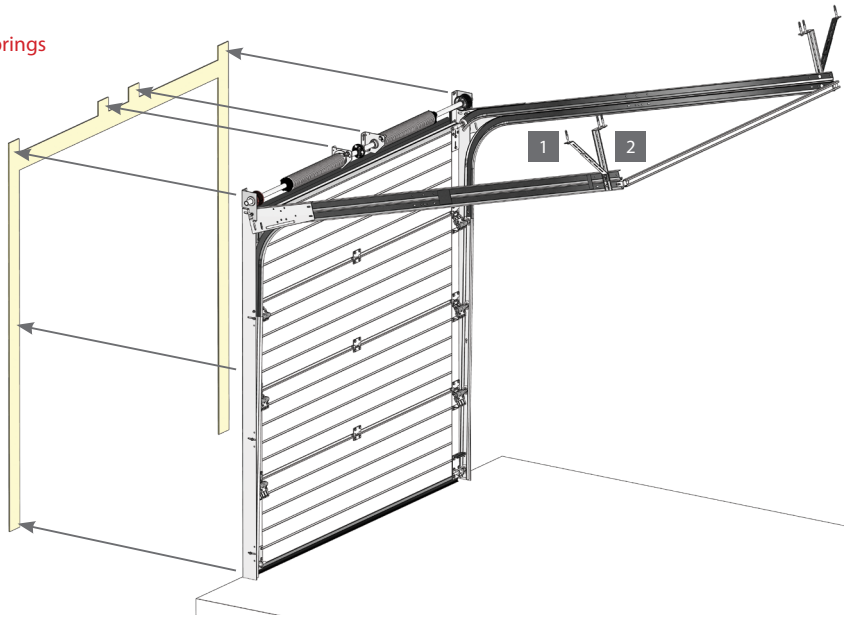
h (headroom)	Refer to **page 22**
SL / SR (sideroom)	100
Daylight opening	H - 130 (manual) H - 10 (with el. operator) H - 50, W ≥ 4500 (with el. operator)
D (fitting depth)	H + 550

Number of required suspensions	
W ≤ 3000	1 suspension per side
W > 3000	2 suspensions per side

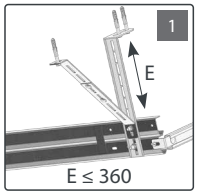




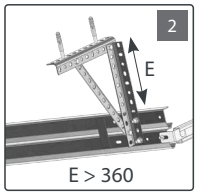
Regarding quantity of springs consult manufacturer.



STANDARD



OPTIONAL

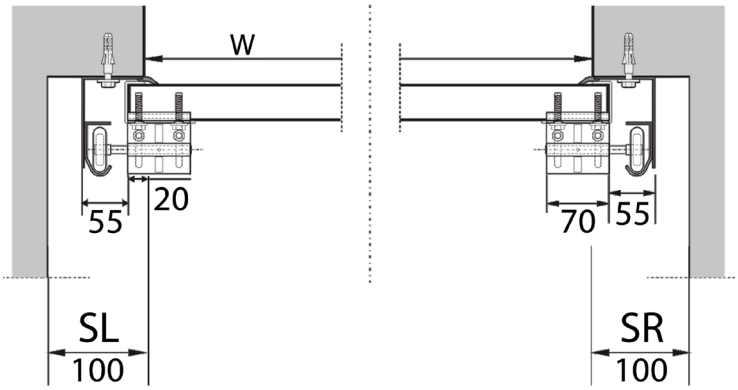


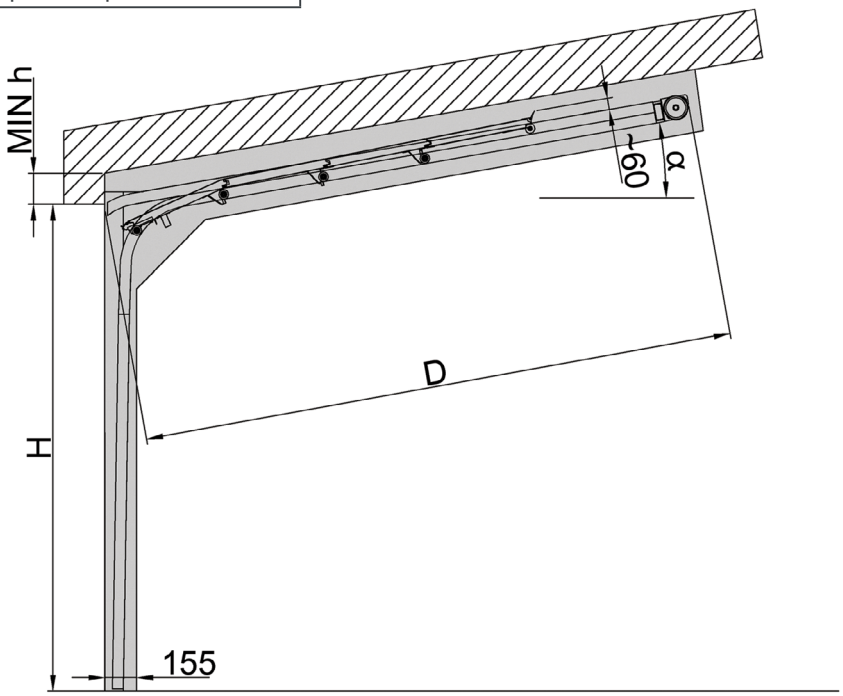
All dimensions are given in millimetres (mm).

TL40 **LHR - RM PR**

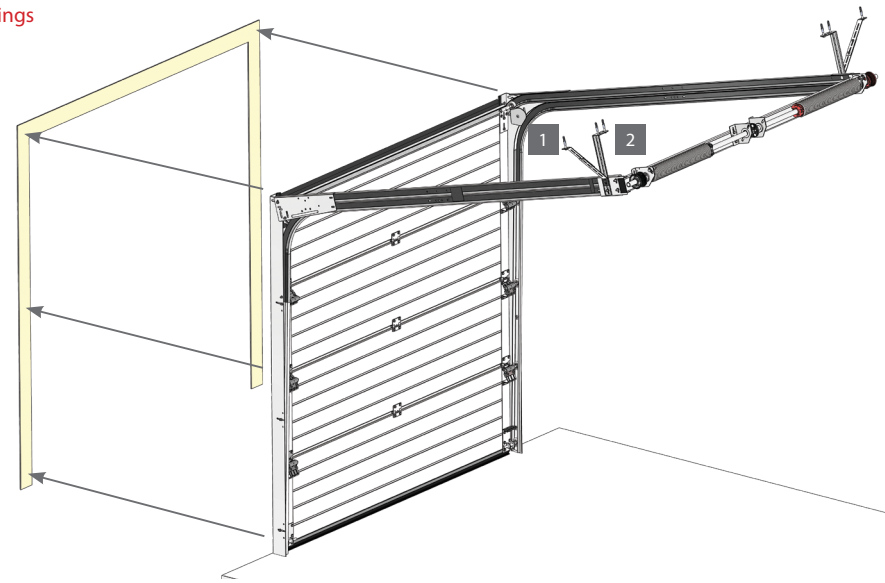
h (headroom)	120 (manual) α ≤ 15° 160 (with el. operator) α ≤ 15° *for bigger angle consult manufacturer
SL / SR (sideroom)	100
Daylight opening	H - 160 (manual) H - 20 (with el. operator) H - 60, W ≥ 4500 (with el. operator)
D (fitting depth)	H + 700 H + 1100 (with Sommer operator)

Number of required suspensions	
W ≤ 3000	1 suspension per side
W > 3000	2 suspensions per side

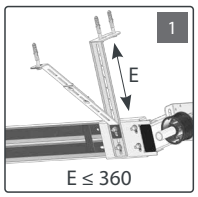




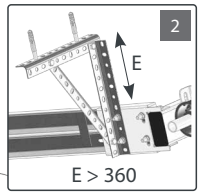
Regarding quantity of springs consult manufacturer.



STANDARD



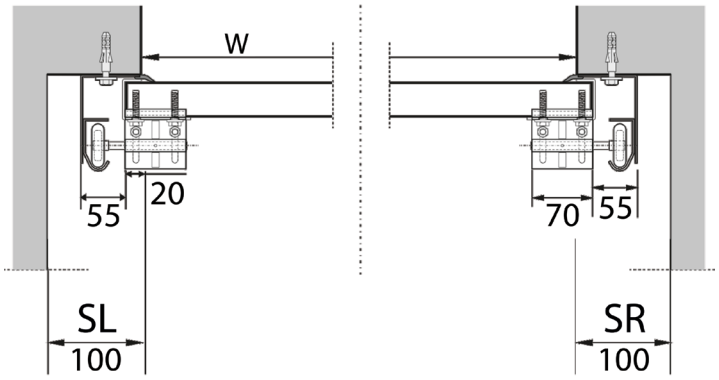
OPTIONAL

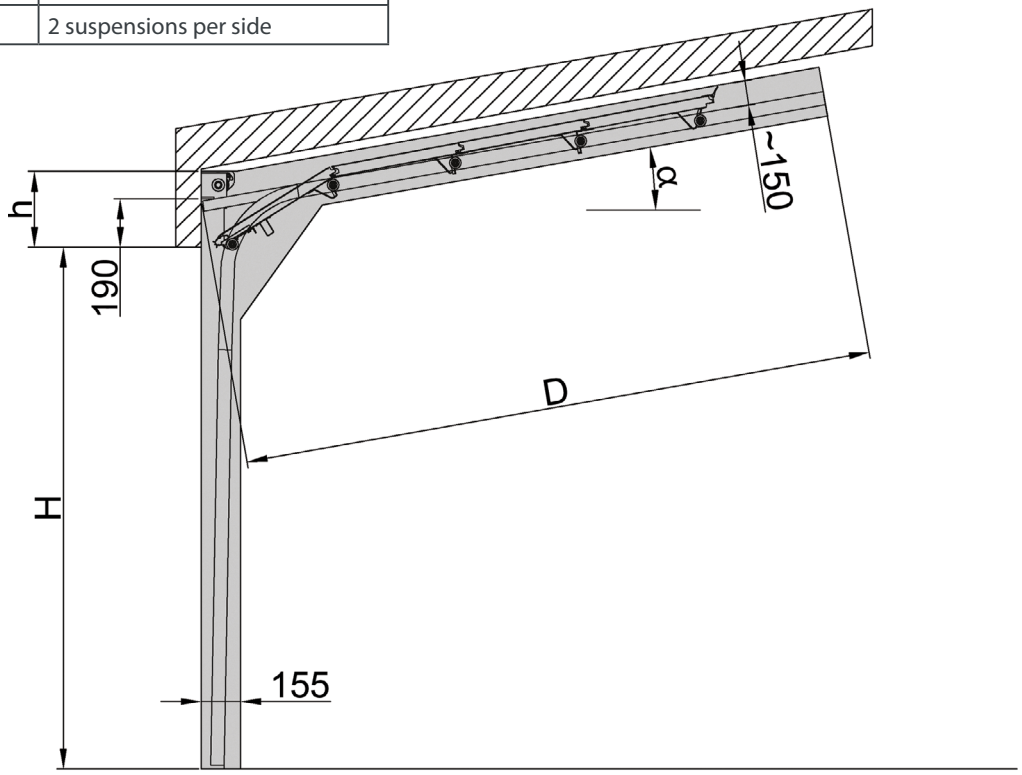


All dimensions are given in millimetres (mm).

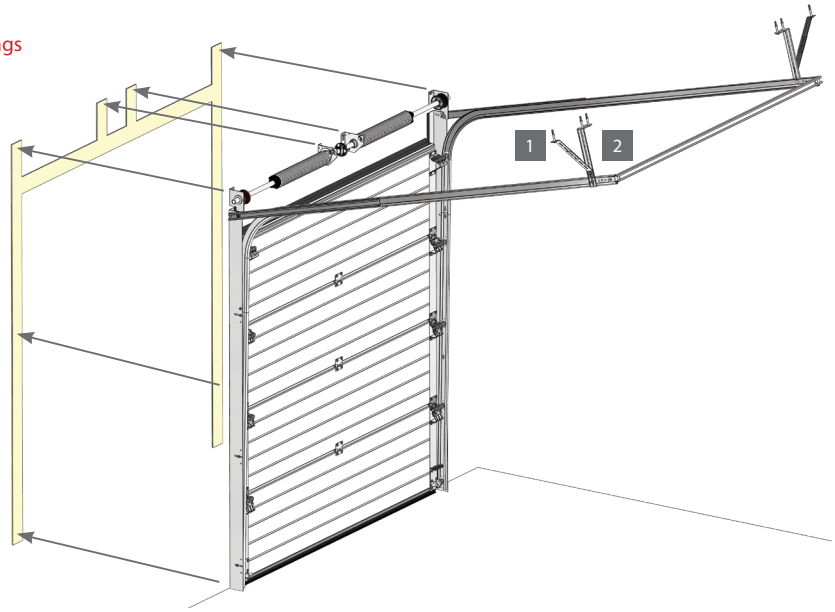
h (headroom)	Refer to **page 22**
SL / SR (sideroom)	100
Daylight opening	H
D (fitting depth)	H + 510

Number of required suspensions	
W ≤ 3000	1 suspension per side
W > 3000	2 suspensions per side

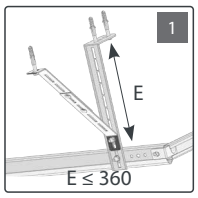




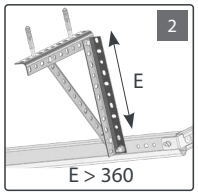
Regarding quantity of springs consult manufacturer.



STANDARD



OPTIONAL



All dimensions are given in millimetres (mm).

Door size, pitch angle and required headroom correlation

All sizes are for doors without operator.

TL40	Required headroom for doors with Woodgrain / Stucco panels									
	α ≤ 10°		10° < α ≤ 15°		15° < α ≤ 20°		20° < α ≤ 25°		25° < α ≤ 30°	
	STD	LHR-FM	STD	LHR-FM	STD	LHR-FM	STD	LHR-FM	STD	LHR-FM
H ≤ 2000	340	180	340	180	340	180	340	180	370	270
H ≤ 2250	340	180	340	180	340	180	340	180	370	270
H ≤ 2500	340	180	340	180	340	180	340	180	370	270
H ≤ 2750	340	180	340	180	370	270	370	270	370	270
H ≤ 3000	340	180	340	180	370	270	370	270	370	270

TL40	Required headroom for doors with Woodgrain / Stucco panels and wicket door									
	α ≤ 10°		10° < α ≤ 15°		15° < α ≤ 20°		20° < α ≤ 25°		25° < α ≤ 30°	
	STD	LHR-FM	STD	LHR-FM	STD	LHR-FM	STD	LHR-FM	STD	LHR-FM
H ≤ 2000	340	180	340	180	340	180	340	180	370	270
H ≤ 2250	340	180	340	180	340	180	370	270	370	270
H ≤ 2500	340	180	340	180	340	180	370	270	370	270
H ≤ 2750	340	180	340	180	340	180	370	270	370	270
H ≤ 3000	340	180	340	180	340	180	370	270	370	270

TL40	Required headroom for doors with smooth (SLICK type) panels									
	α ≤ 10°		10° < α ≤ 15°		15° < α ≤ 20°		20° < α ≤ 25°		25° < α ≤ 30°	
	STD	LHR-FM	STD	LHR-FM	STD	LHR-FM	STD	LHR-FM	STD	LHR-FM
H ≤ 2000	340	180	340	180	340	180	340	180	340	180
H ≤ 2250	340	180	340	180	340	180	340	180	370	270
H ≤ 2500	340	180	340	180	340	180	370	270	370	270
H ≤ 2750	340	180	340	180	340	180	370	270	370	270
H ≤ 3000	340	180	340	180	340	180	370	270	370	270

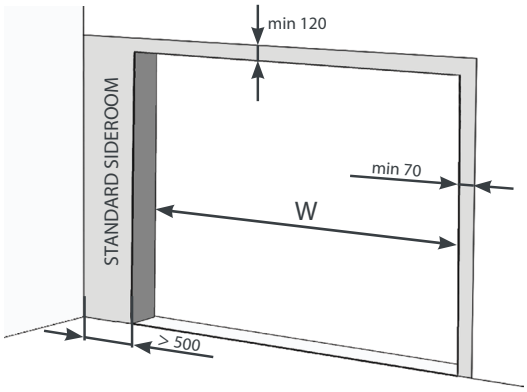
TL40	Required headroom for doors with smooth (SLICK type) panels and wicket door									
	α ≤ 10°		10° < α ≤ 15°		15° < α ≤ 20°		20° < α ≤ 25°		25° < α ≤ 30°	
	STD	LHR-FM	STD	LHR-FM	STD	LHR-FM	STD	LHR-FM	STD	LHR-FM
H ≤ 2000	340	180	340	180	340	180	340	180	340	180
H ≤ 2250	340	180	340	180	340	180	340	180	370	270
H ≤ 2500	340	180	340	180	340	180	370	270	370	270
H ≤ 2750	340	180	340	180	370	270	370	270	370	270
H ≤ 3000	340	180	340	180	370	270	370	270	370	270

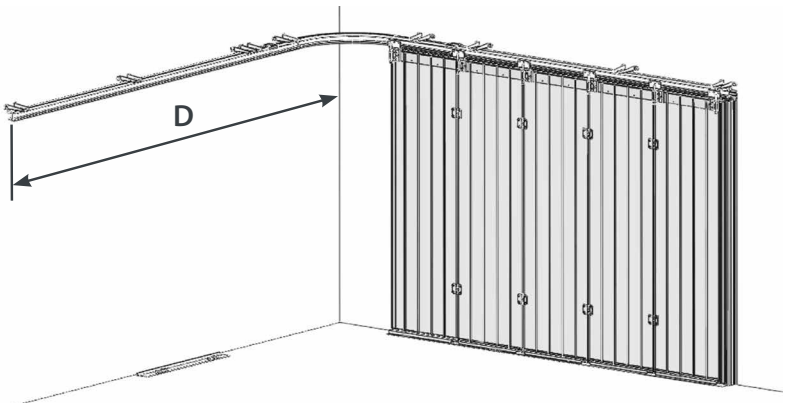
TL60	Required headroom for doors with smooth (SLICK type) panels									
	α ≤ 10°		10° < α ≤ 15°		15° < α ≤ 20°		20° < α ≤ 25°		25° < α ≤ 30°	
	STD	LHR-FM	STD	LHR-FM	STD	LHR-FM	STD	LHR-FM	STD	LHR-FM
H ≤ 2000	360	180	360	180	360	180	360	180	390	270
H ≤ 2250	360	180	360	180	360	180	360	180	390	270
H ≤ 2500	360	180	360	180	390	270	390	270	390	270
H ≤ 2750	360	180	360	180	390	270	390	270	390	270
H ≤ 3000	360	180	360	180	390	270	390	270	390	270

All dimensions are given in millimetres (mm).

Side sliding sectional doors **SSD**

STANDARD SIDEROOM

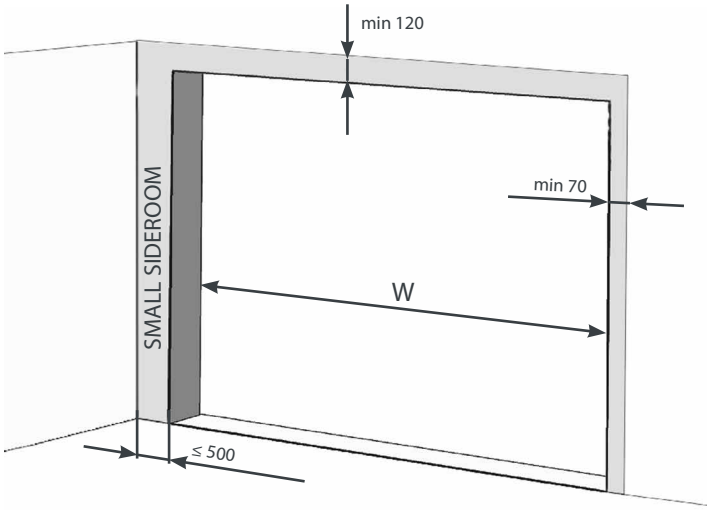




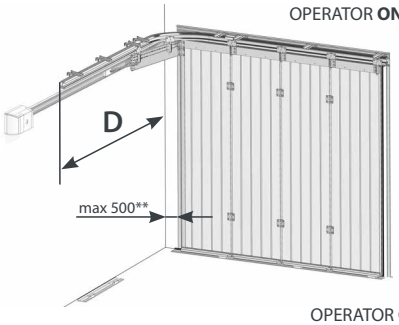
SMALL SIDEROOM

Sideroom*	Radius	Arm	D	Operator fitting place***
150 - 200	R520	R520 + ARM L = 1000	W + 1250	Side wall only
201 - 300	R520	R520 + ARM L = 600	W + 800	Side wall
301 - 500	R520	R520 + ARM L = 400	W + 600	Side wall
> 500	R420	-	W + 100	Lintel

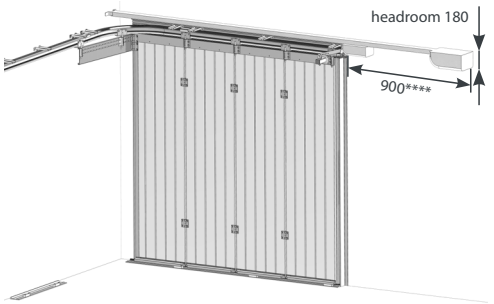
*Min sideroom on opening side (for manual operator min 200 required).
**Max 500 sideroom with operator on the side wall.
***Operator movement range must be longer than W, if standard rail is too short use additional rail extensions.
****Sideroom for a different distance, consult the manufacturer regarding the specific operator.



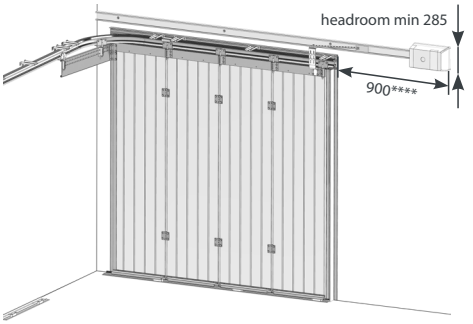
OPERATOR **ON THE SIDE WALL**



OPERATOR **ON THE CEILING**

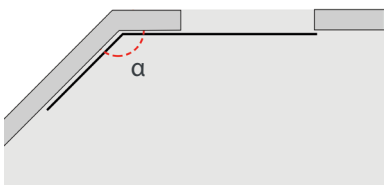


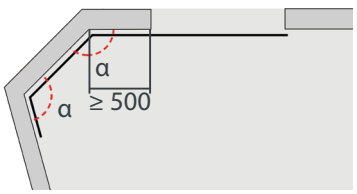
OPERATOR **ON THE HEADROOM**

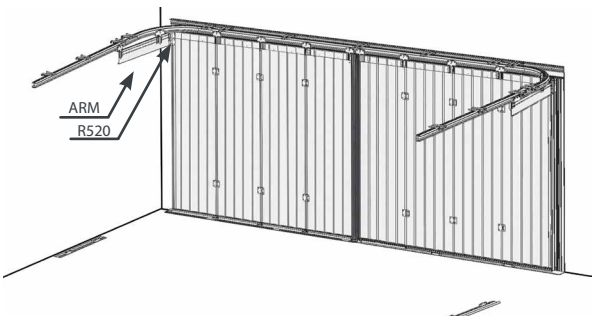


Single door
H = max 3000, W = max 6000

Angle ranges
α = min 85°, max 180°

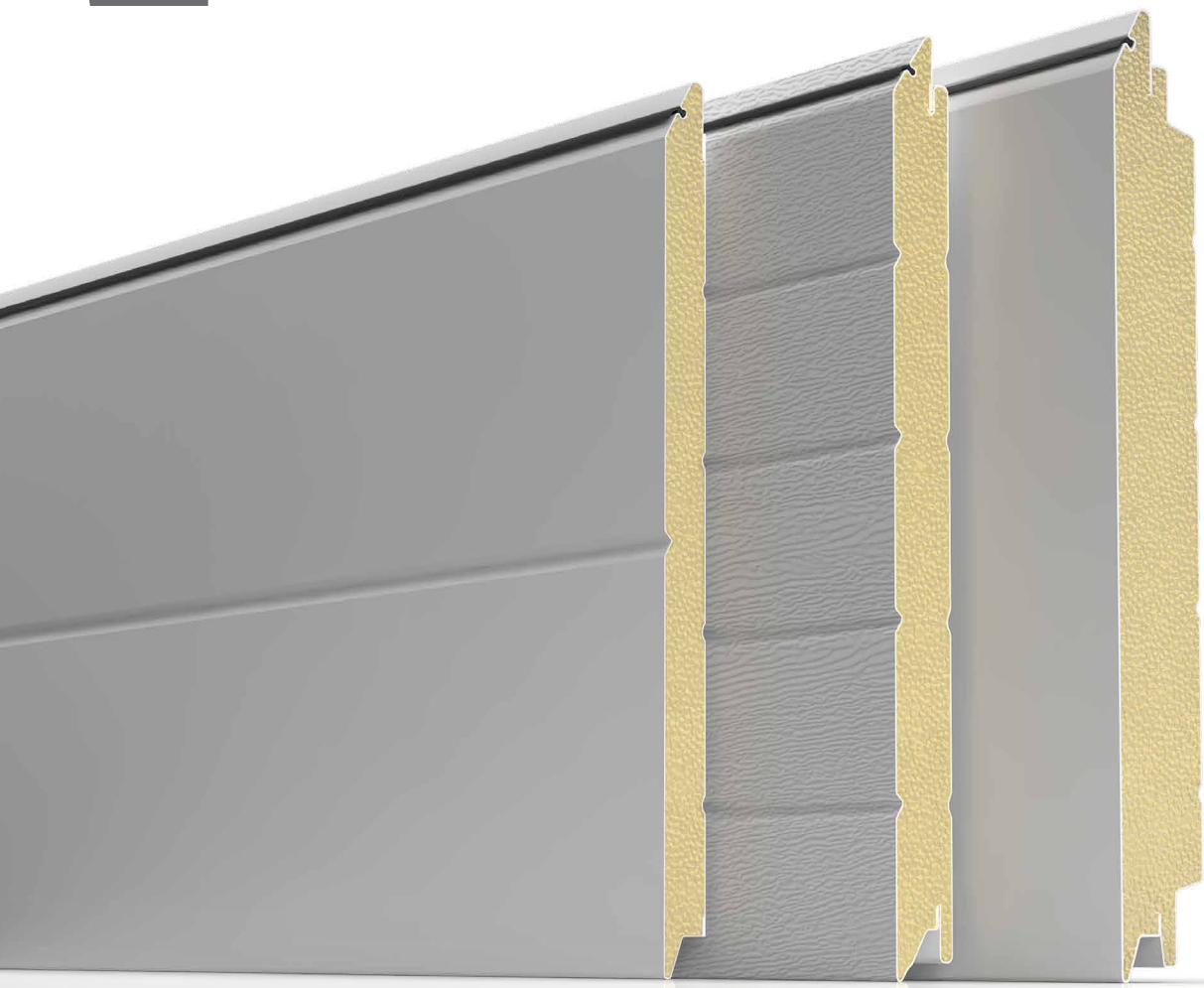






All dimensions are given in millimetres (mm).

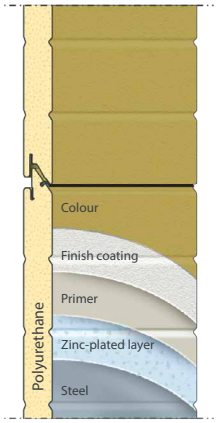
PANELS

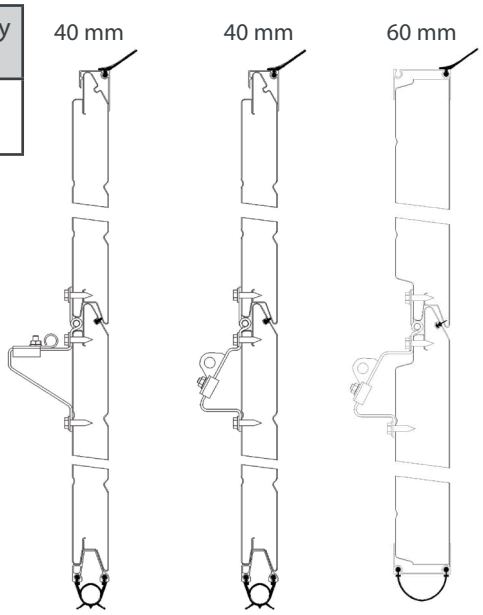


Panel type	S (mm)	Panel weight		Tolerances			U value
		Kg/m	Kg/m²	Thickness	Width	Length	W/m²K
R - 500	40	4,74	9,5	+/- 2	+/- 1	+/- 5	0,53
R - 610		5,65	9,3				
R - 500	60	6,49	12,9				0.36
R - 610		7,85					

Section type*	U value (W/m²K)	Wind load resistance class	Water penetration class	Air permeability class
Sandwich	0,93 - 1,5	5	3	2

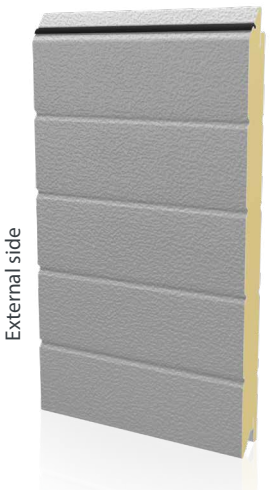




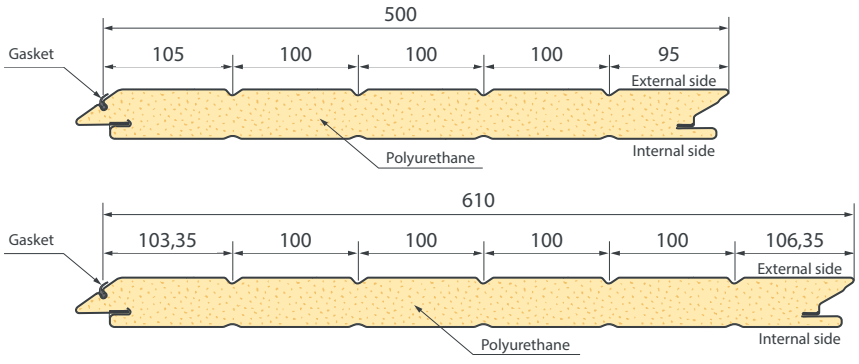


All panels internal side - ribbed, Stucco embossed RAL 9002.

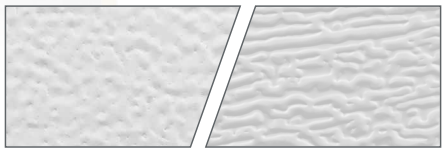
RIB



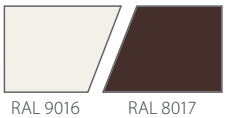
40 mm



Surface textures



Standard colours



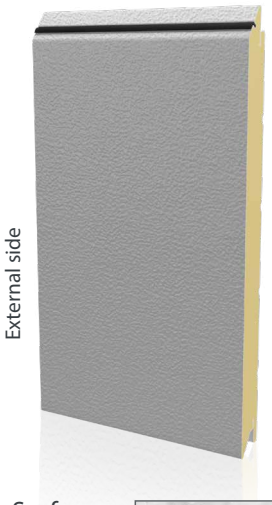
Other painted colours similar to RAL palette *

Exact door classifications are calculated for each door individually and may differ from the numbers listed above.
The precise values depend on the specific size and configuration of each door.
*Other specific colours and the NCS palette are available on request.

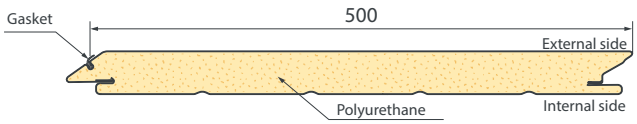
All dimensions are given in millimetres (mm).

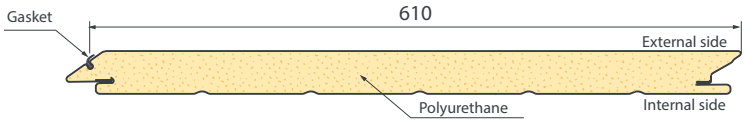
Panel types

FLUSH

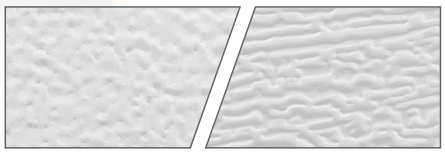


40 mm





Surface textures



Stucco Woodgrain

Standard colours

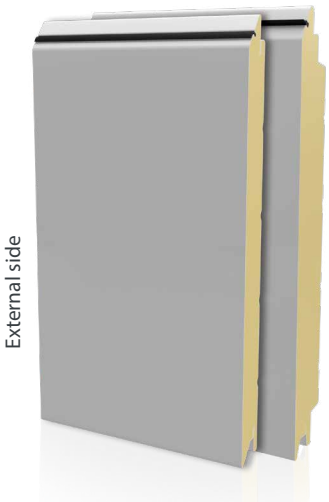


RAL 9016 RAL 7016

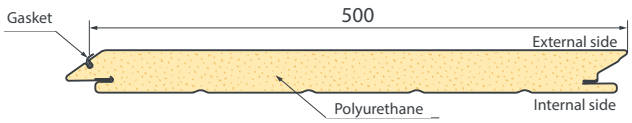
Other painted colours similar to RAL palette *

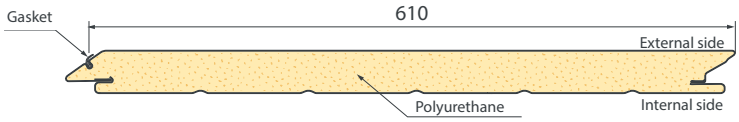
*Other specific colours and the NCS palette are available on request.

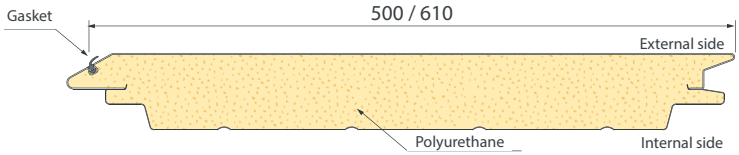
SLICK



40 mm
60 mm







Surface texture



Smooth

Standard colours
40 mm



RAL 9016 RAL 9006 RAL 9004 RAL 7016

Standard colours
60 mm



RAL 9016 RAL 7016

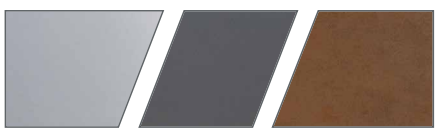
Other painted colours similar to RAL palette *

RAL pearl colours **

*Other specific colours and the NCS palette are available on request.
**Smooth surface only

SLICK PLUS

Surface textures



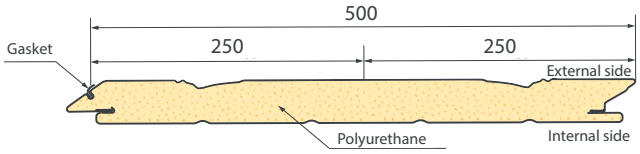
Stainless Steel Metallic Anthracite Corten image

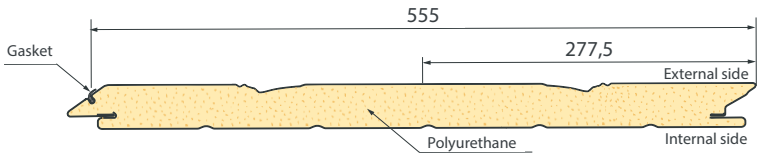
All dimensions are given in millimetres (mm).

GEORGIAN (CASSETTE)

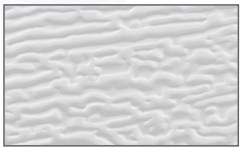


40 mm



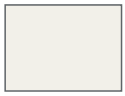


Surface texture



Woodgrain

Standard colours

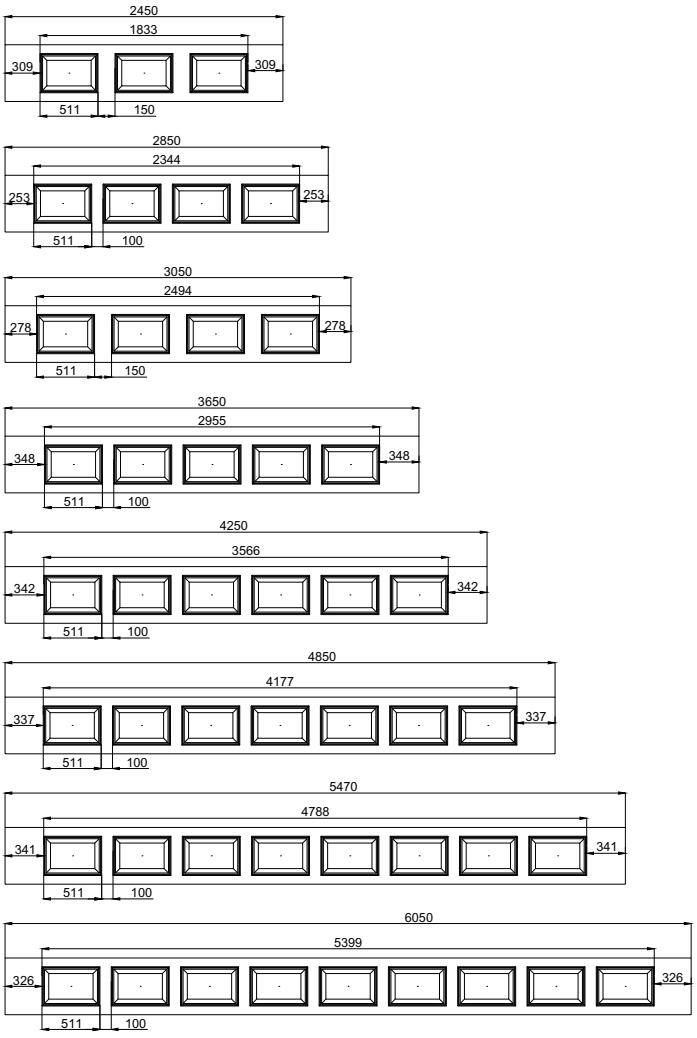


RAL 9016

Other painted colours similar to RAL palette *



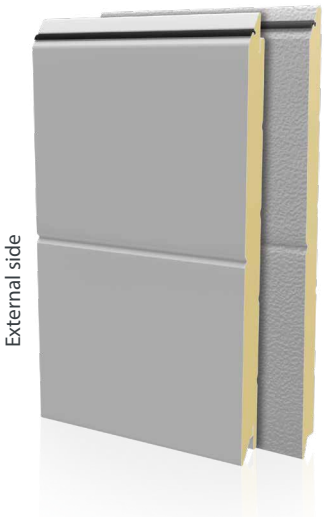
*Other specific colours and the NCS palette are available on request.



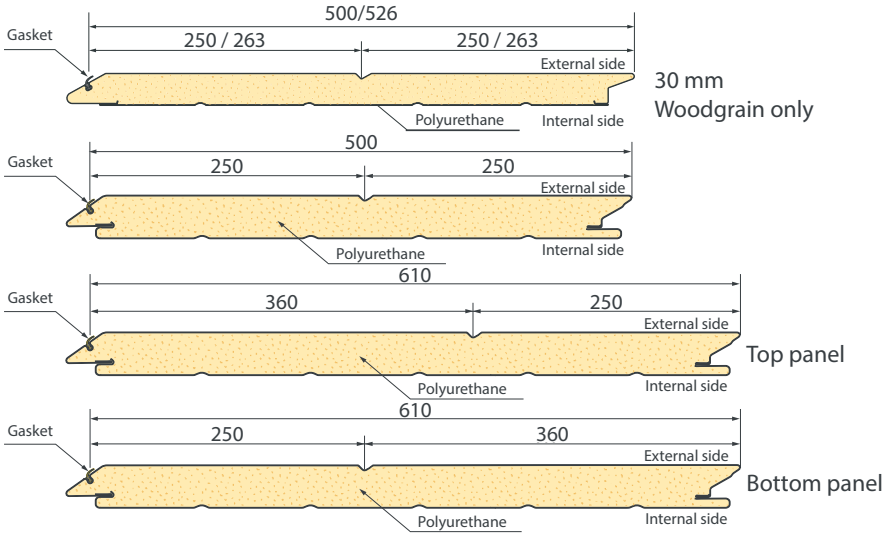
All dimensions are given in millimetres (mm).

Panel types

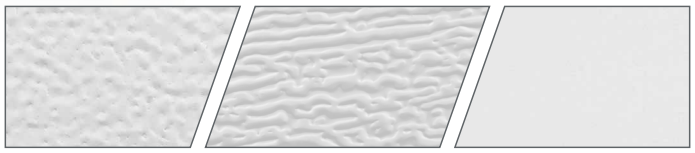
MIDRIB



40 mm
30 mm



Surface textures



Stucco | Woodgrain | Smooth

Standard colours
40 mm



RAL 9016 Woodgrain Stucco | RAL 8017 Woodgrain | RAL 7016 Woodgrain | RAL 6009 Woodgrain

Wood images
Smooth



Light Oak | Golden Oak | Old Oak | Dark Oak | Mahogany | Winchester

Standard colours
30 mm



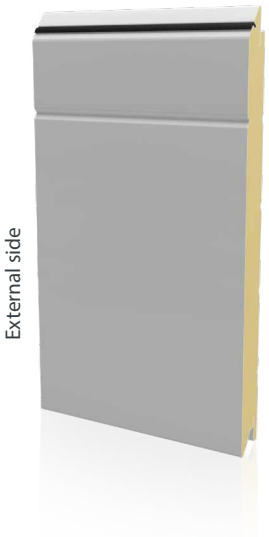
RAL 9016 Woodgrain | RAL 7016 Woodgrain

Other painted colours similar to RAL palette *

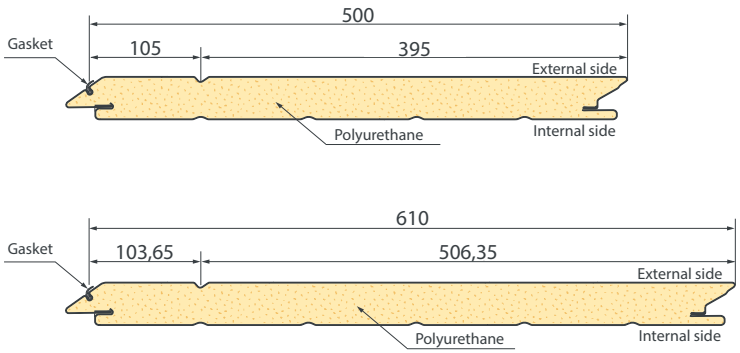
RAL pearl colours **

*Other specific colours and the NCS palette are available on request.
**Smooth surface only.

TOPRIB



40 mm



Surface texture



Smooth

Standard colours



RAL 9016 | RAL 7016

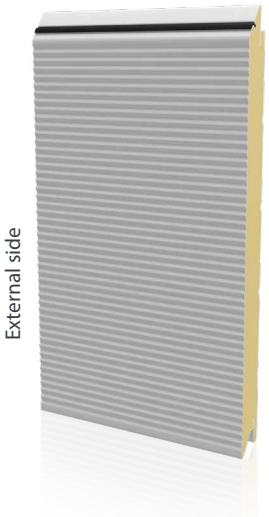
Other painted colours similar to RAL palette *

RAL pearl colours **

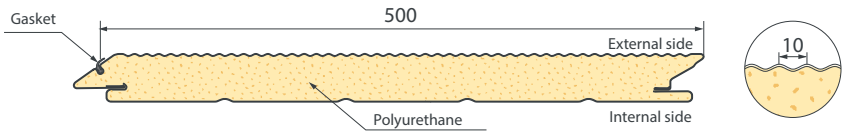
*Other specific colours and the NCS palette are available on request.
**Smooth surface only.

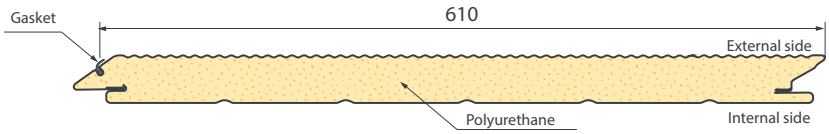
All dimensions are given in millimetres (mm).

MICRORIB



40 mm





Surface texture



Smooth

Standard colours



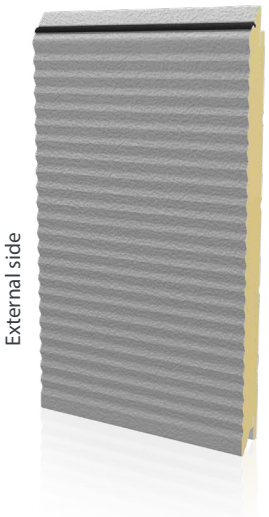
RAL 9016

Other painted colours similar to RAL palette * 

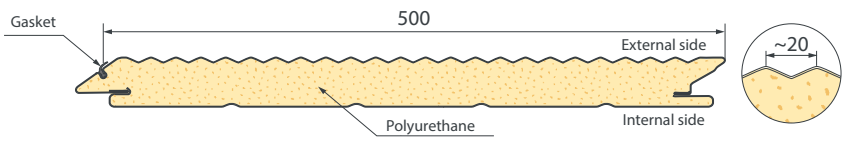
RAL pearl colours ** 

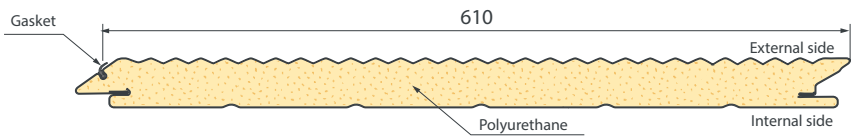
*Other specific colours and the NCS palette are available on request.
**Smooth surface only.

MACRORIB



40 mm





Surface texture



Stucco

Standard colours



RAL 9016 RAL 9007 RAL 7016

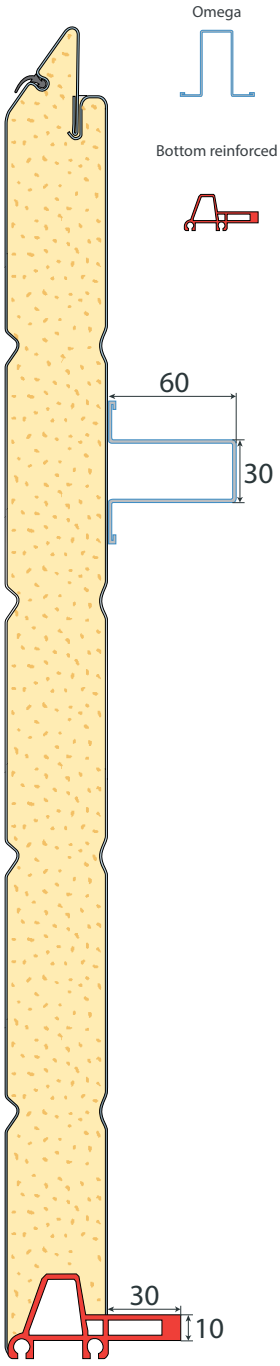
Other painted colours similar to RAL palette * 

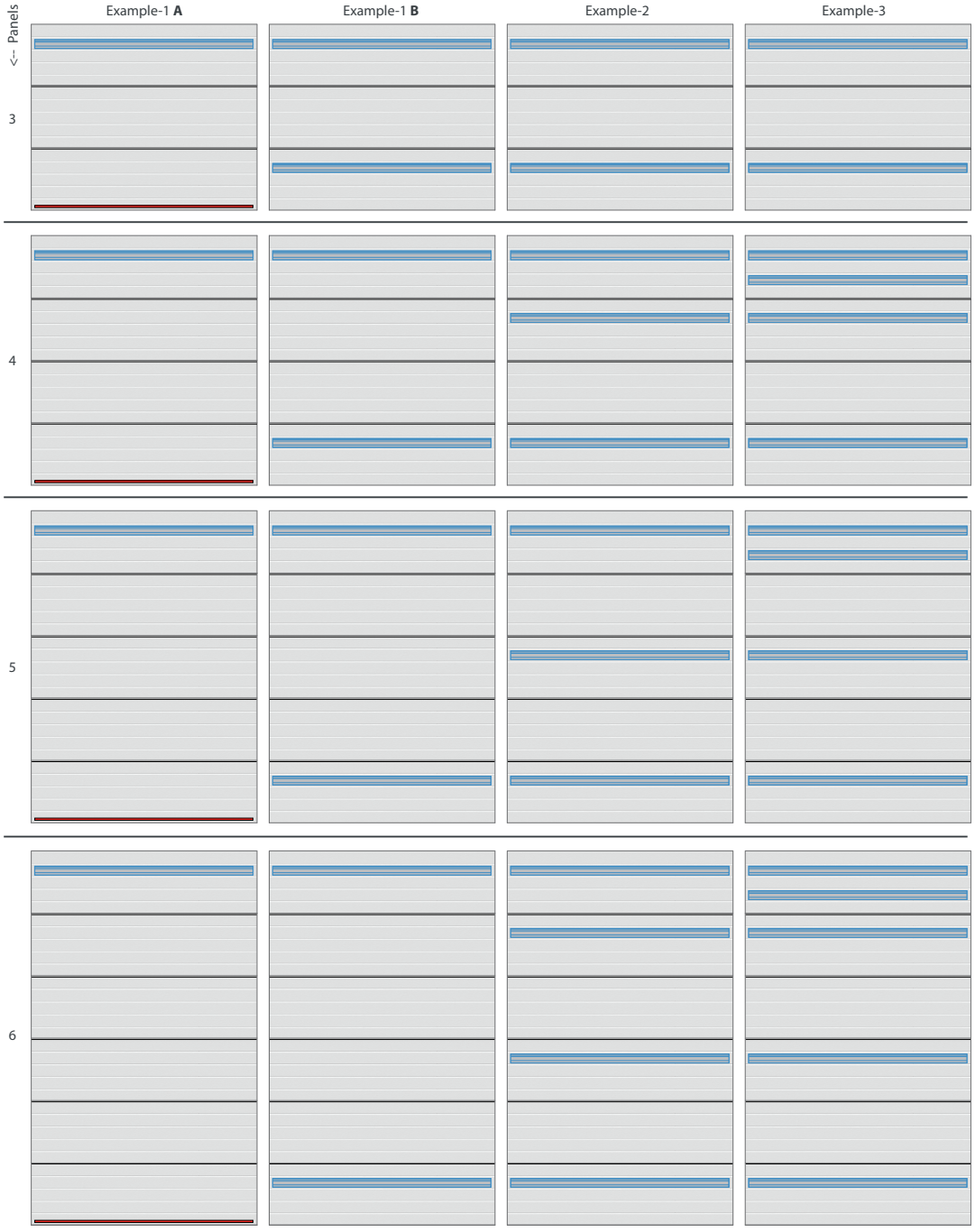
*Other specific colours and the NCS palette are available on request.

All dimensions are given in millimetres (mm).

Reinforcement profiles on sandwich panels

Opening width, W	Profile type	Example No.		Main location on panel	Quantity of reinforcements
W ≤ 4500	-	-		-	-
4500 < W ≤ 5000	Bottom reinforced + omega	1-A	'Example No. 1-A' is used by default. For cut bottom panel use 'Example No. 1-B'	Top of panel (for omega)	1 + 1 = 2
	Omega	1-B		Top of panel	2
5000 < W ≤ 5500	Omega	2		Top partition of panel	On every second door panel
5500 < W ≤ 6000	Omega	3		Top of panel	On every second door panel +1 on top





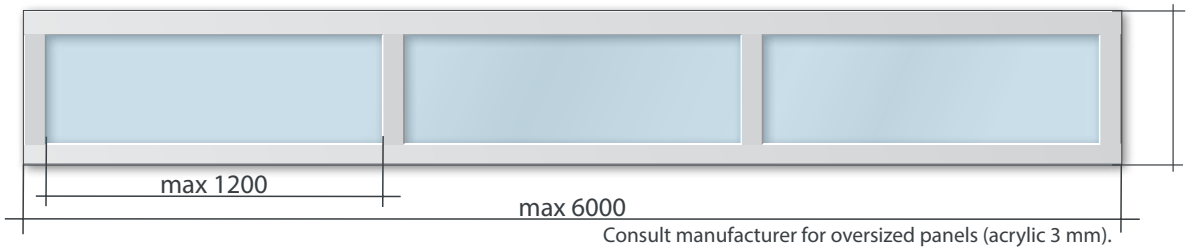
PROFILE **FIXING POINTS**



All dimensions are given in millimetres (mm).

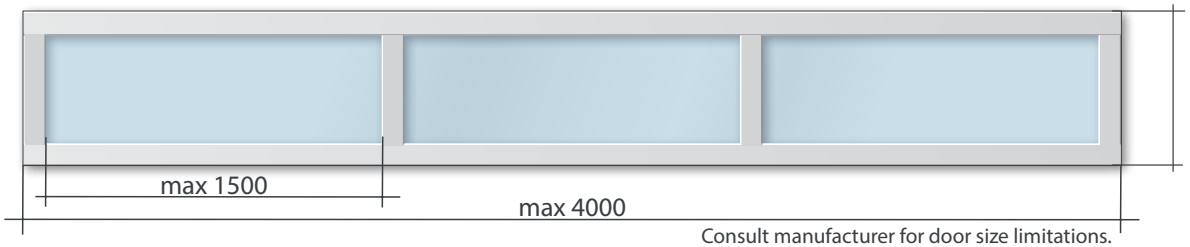
ALU-framed panel types

DOUBLE INSULATED ACRYLIC (clear / matt / frosted) GLAZING



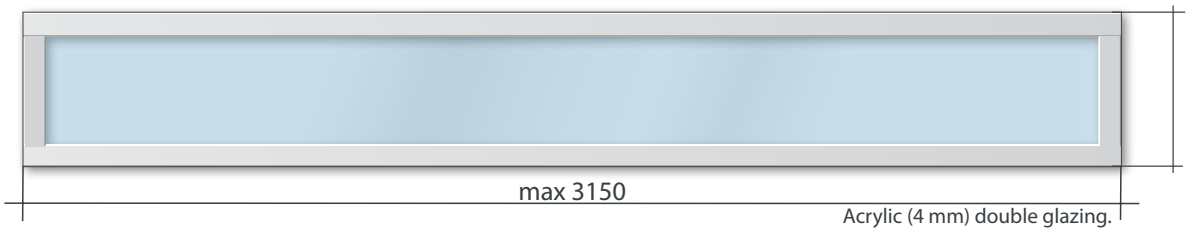
Consult manufacturer for oversized panels (acrylic 3 mm).

SINGLE / DOUBLE (Safety glass) GLAZING

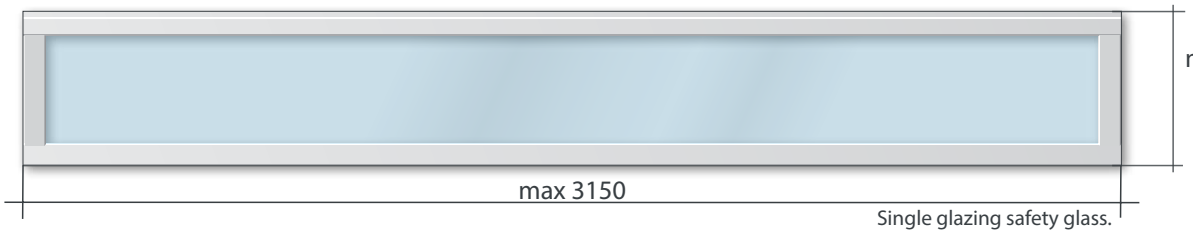


Consult manufacturer for door size limitations.

CONTINUOUS GLAZING

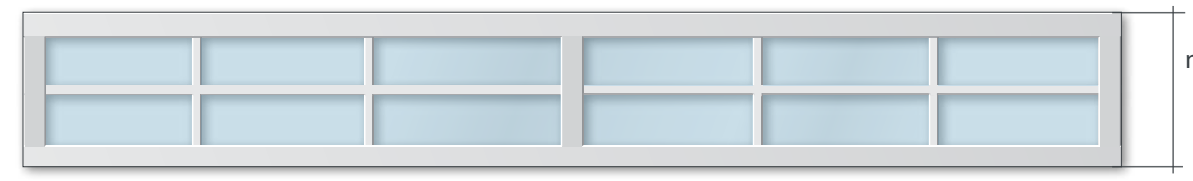


Acrylic (4 mm) double glazing.



Single glazing safety glass.

'CROSS' DECORATION



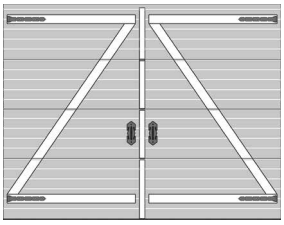
Consult manufacturer for door size limitations.

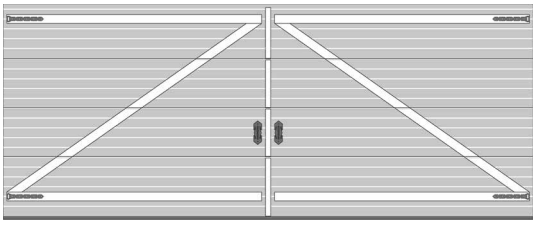
Retro

Custom Retro design upon request

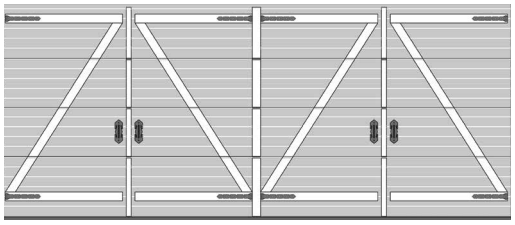
RETRO Z

Z



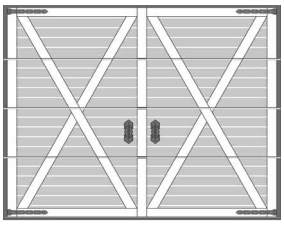


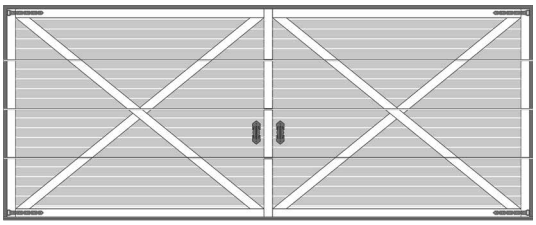
2 Z



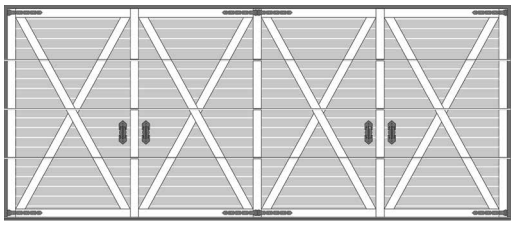
RETRO X

X



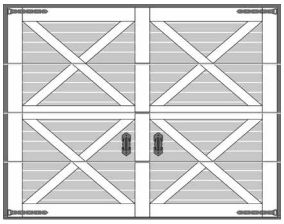


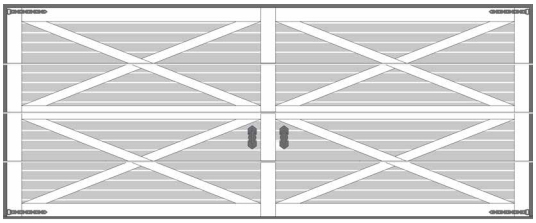
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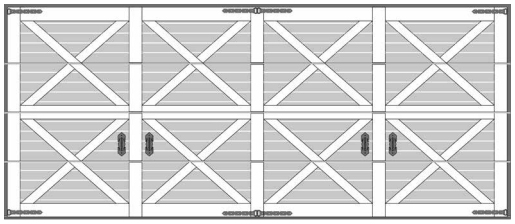
RETRO 4 X

4 X



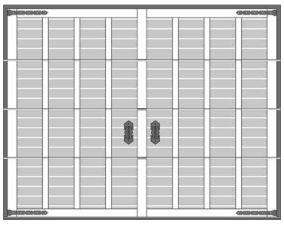


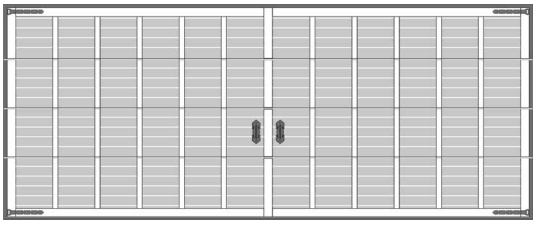
8 X



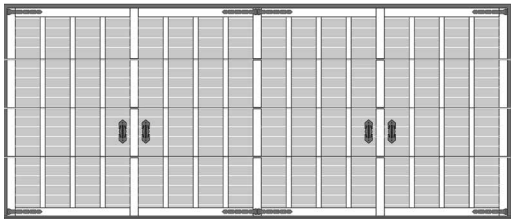
RETRO H

H





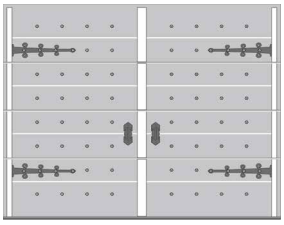
2 H

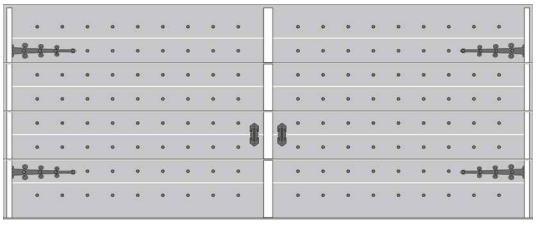


All dimensions are given in millimetres (mm).

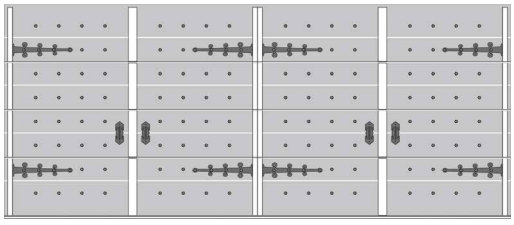
RETRO S

S



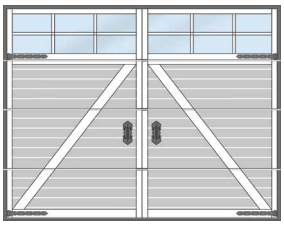


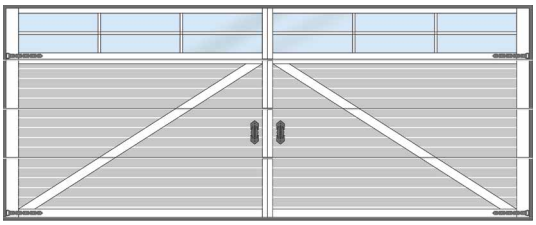
2 S



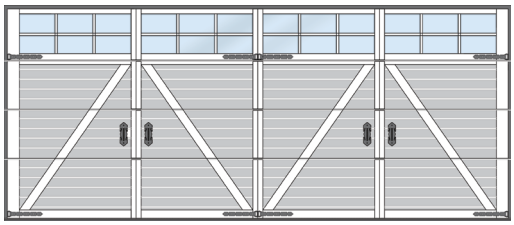
RETRO Z - FV

Z-FV



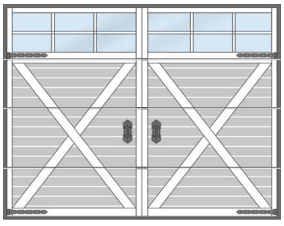


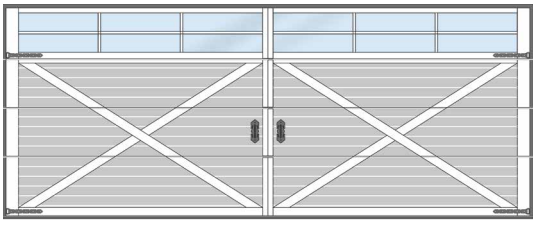
2 Z-FV



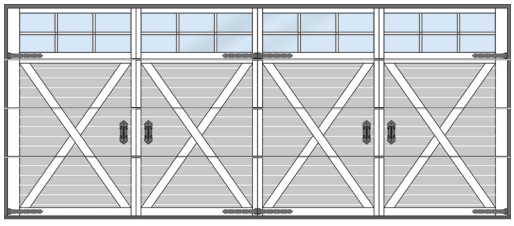
RETRO X - FV

X-FV





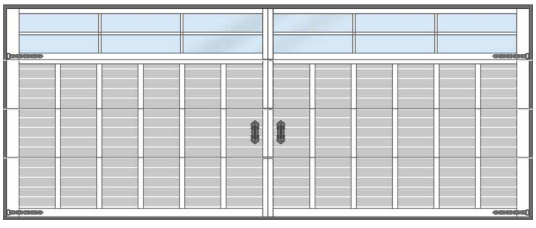
2 X-FV



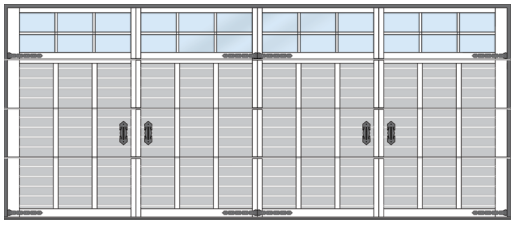
RETRO H - FV

H-FV





2 H-FV

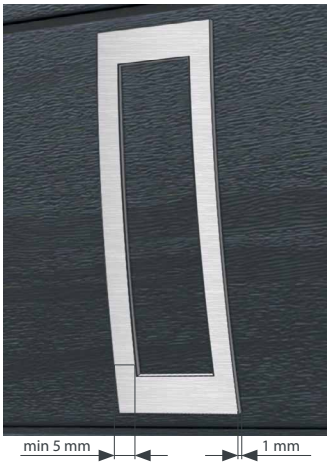


All dimensions are given in millimetres (mm).

DECOR ELEMENTS



Stainless steel decor elements options



Brushed



RAL painted

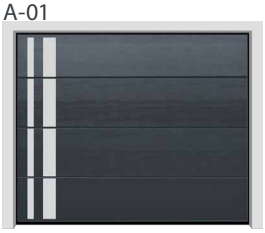


Decor elements combined with windows

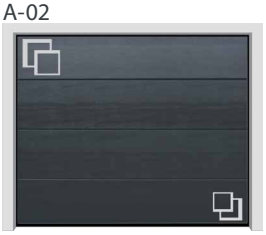


RAL painted decor elements & windows

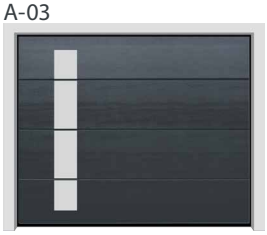
A-01



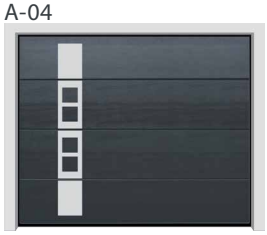
A-02



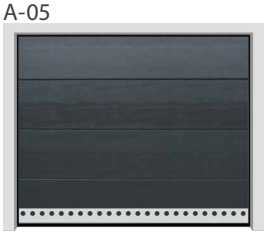
A-03



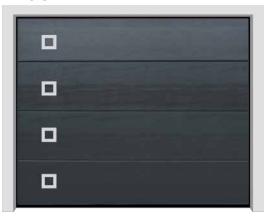
A-04



A-05



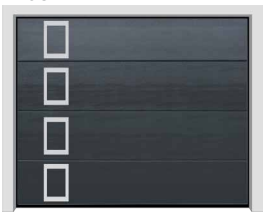
A-06



A-07



A-08



A-09



A-10



A-11



A-12



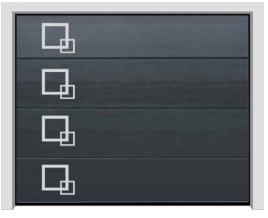
A-13



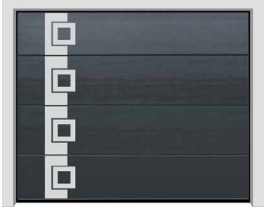
A-14



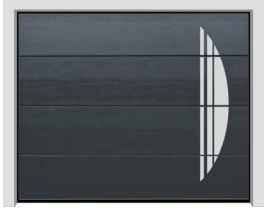
A-16



A-18



A-20



A-28



AW-01



AW-02



AW-07



AW-13



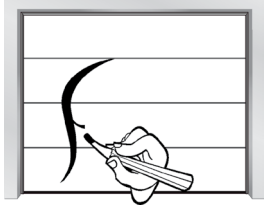
AW-14



AW-15

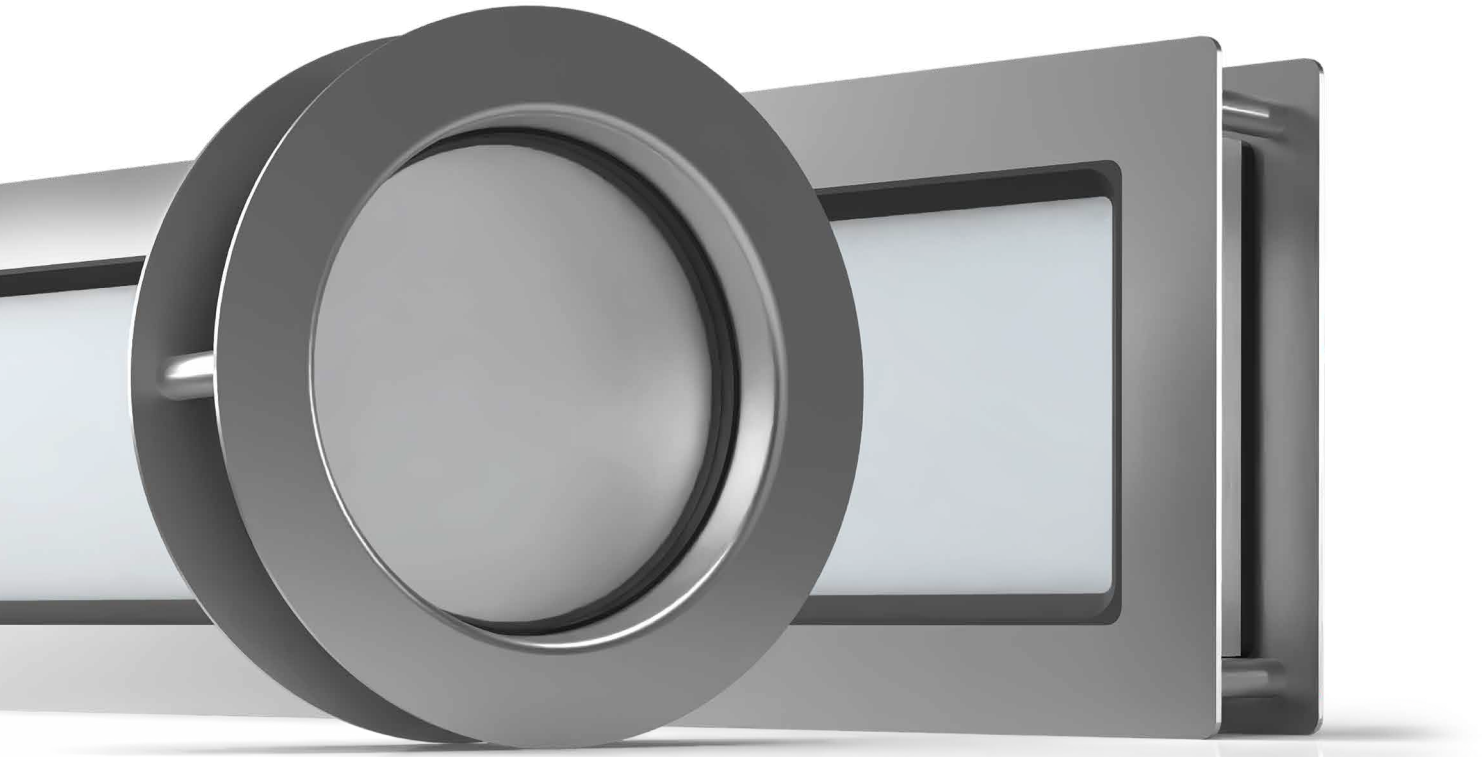


Individual design

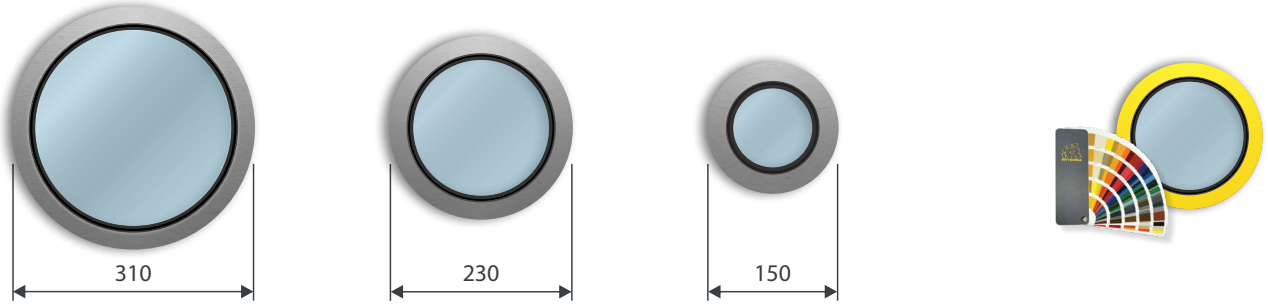


All dimensions are given in millimetres (mm).

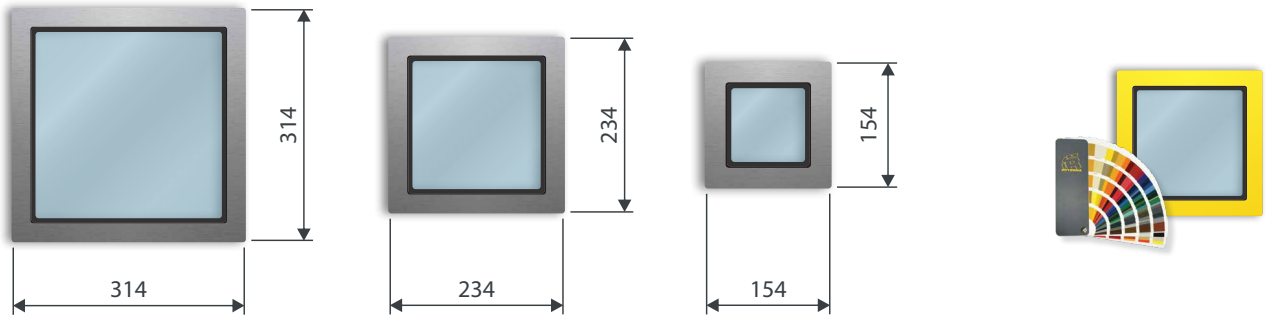
WINDOWS



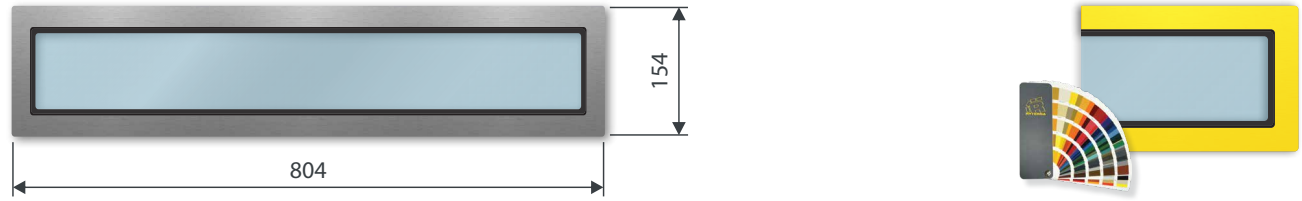
ROUND STAINLESS STEEL WINDOWS (single glazing safety glass) painted **RAL colours**



SQUARE STAINLESS STEEL WINDOWS (double glazing safety glass) painted **RAL colours**



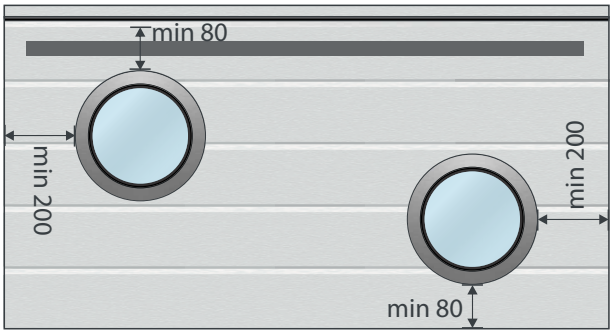
RECTANGULAR STAINLESS STEEL WINDOWS (double glazing safety glass) painted **RAL colours**



STAINLESS STEEL WINDOWS **LOCATION**



W ≤ 4500



4501 > W ≥ 6000

TYPE OF GLASS



Clear (glass)



Matt (glass)



Frosted (glass)



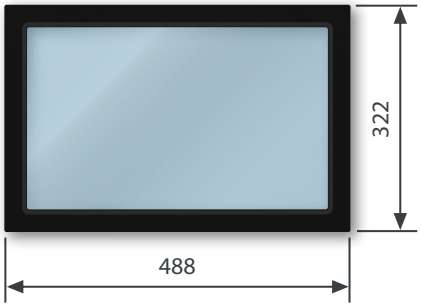
Tinted (glass) (grey or brown)

All dimensions are given in millimetres (mm).

PVC windows
Scratch-proof double glazing

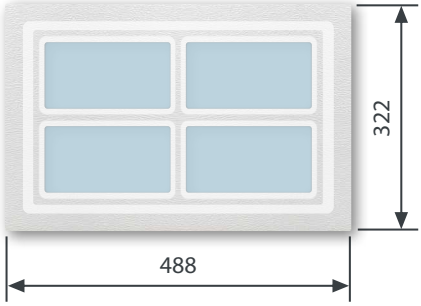
STANDARD ACRYLIC DOUBLE GLAZING WINDOWS (standard frame - **white**/**black**) painted **RAL colours**





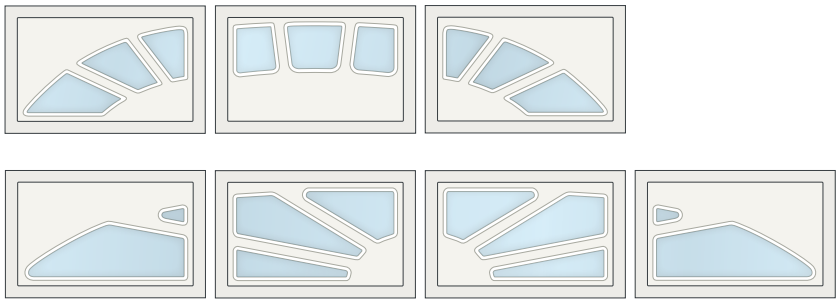


'CROSS' ACRYLIC DOUBLE GLAZING WINDOWS (standard frame - **white**) painted **RAL colours**

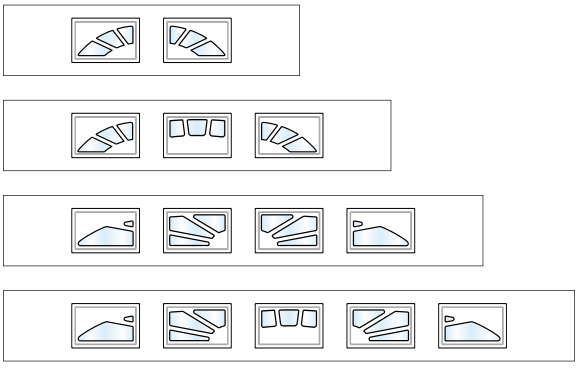


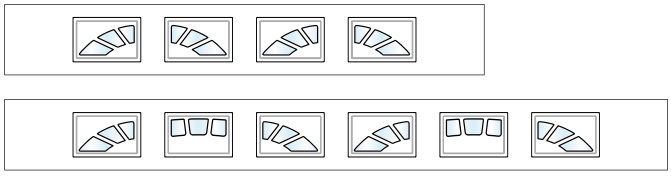


'SUNRISE' ACRYLIC DOUBLE GLAZING WINDOWS (standard frame - **white**) painted **RAL colours**





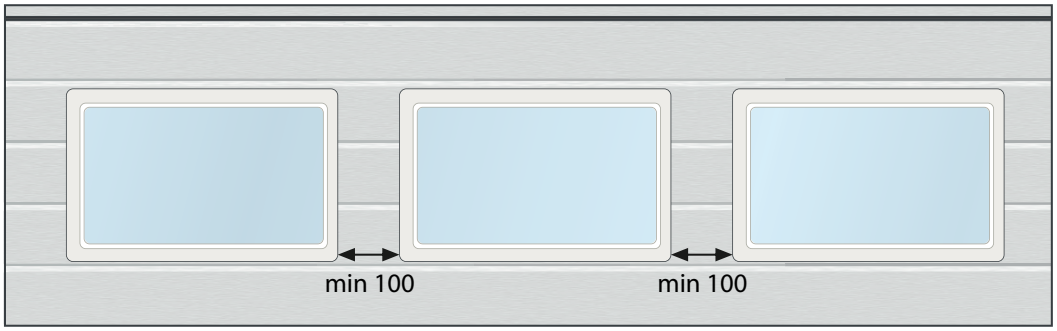




All dimensions are given in millimetres (mm).

Scratch-proof double glazing

ACRYLIC DOUBLE GLAZING WINDOWS **LOCATION**



TYPE OF GLASS



Clear (acrylic)



Matt (acrylic)



Frosted (acrylic)



Tinted (acrylic) (grey or brown)

All dimensions are given in millimetres (mm).

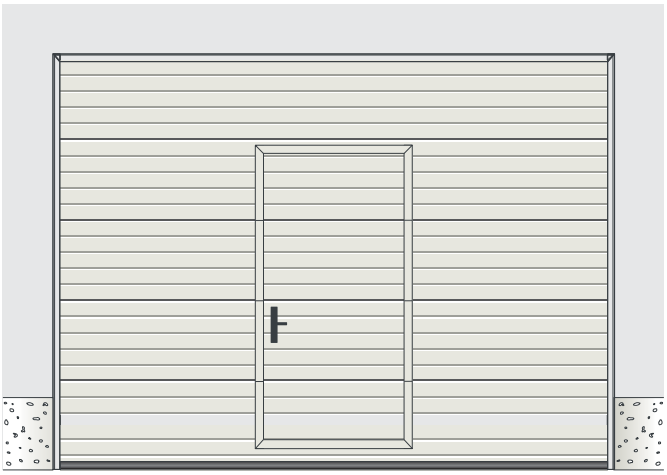
WICKET DOORS

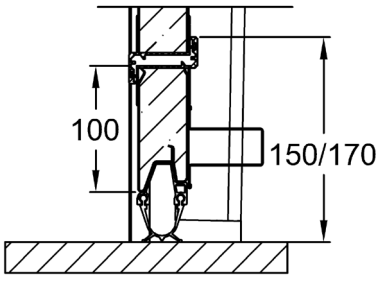


WICKET DOOR **CRITICAL DIMENSIONS**

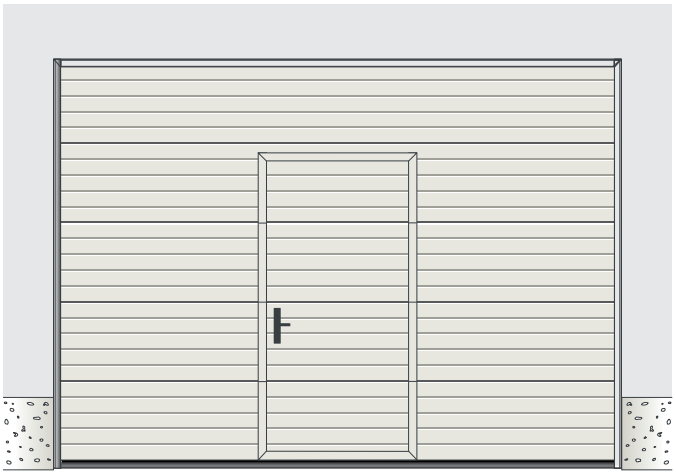


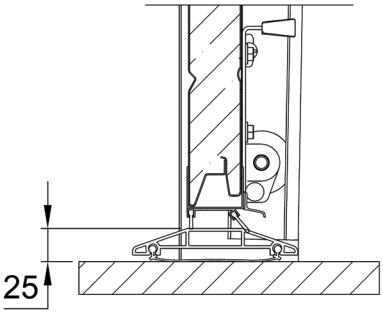
WICKET DOOR WITH **STANDARD THRESHOLD**





WICKET DOOR WITH **LOW THRESHOLD**





HANDLE OPTIONS



Black handle
22050



White handle
22050



Silver handle
22050

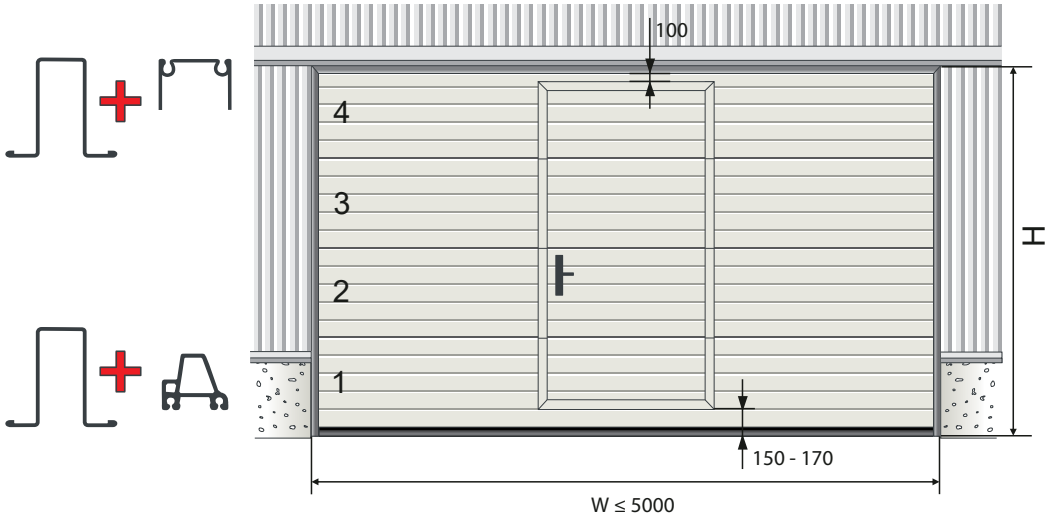


Fixed knob
(optional)
22046

Black handle - on wood image and painted doors.
White handle - on white doors.
Silver handle - on silver doors and by request.

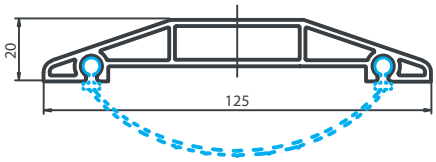
All dimensions are given in millimetres (mm).

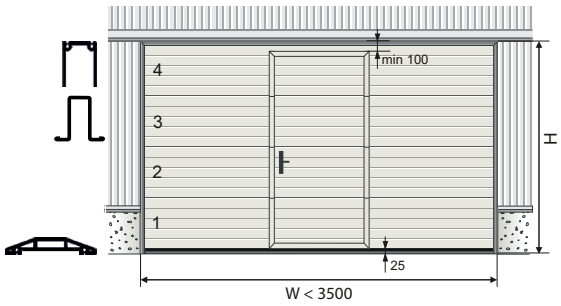
STANDARD THRESHOLD

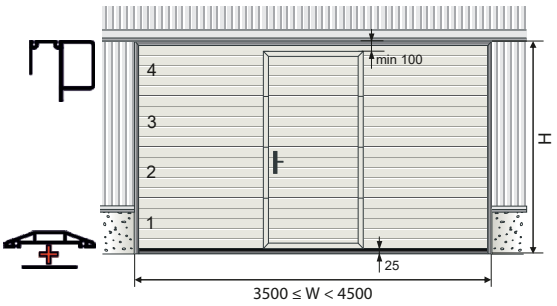


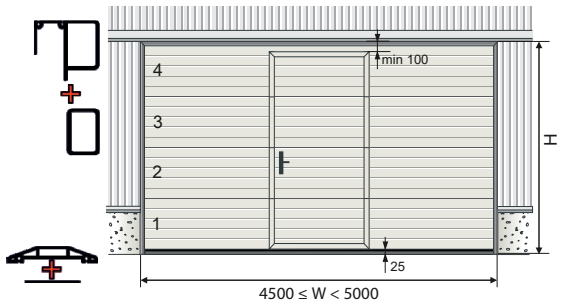
W > 5000 - on request.

LOW THRESHOLD

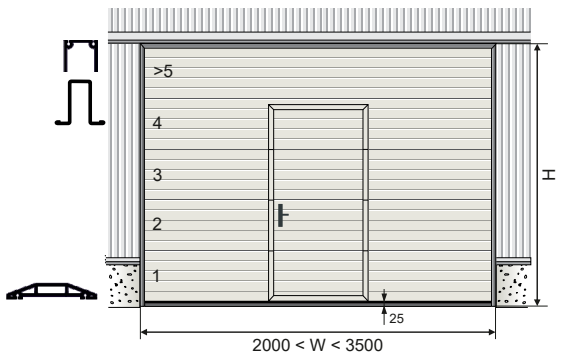


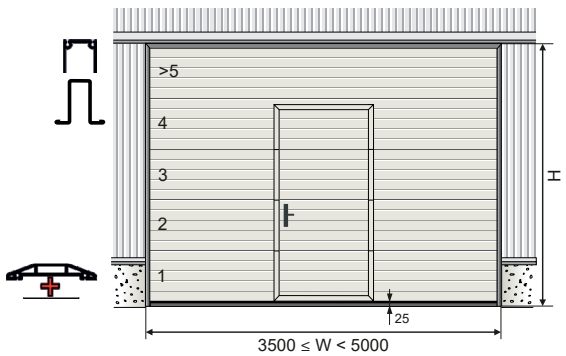






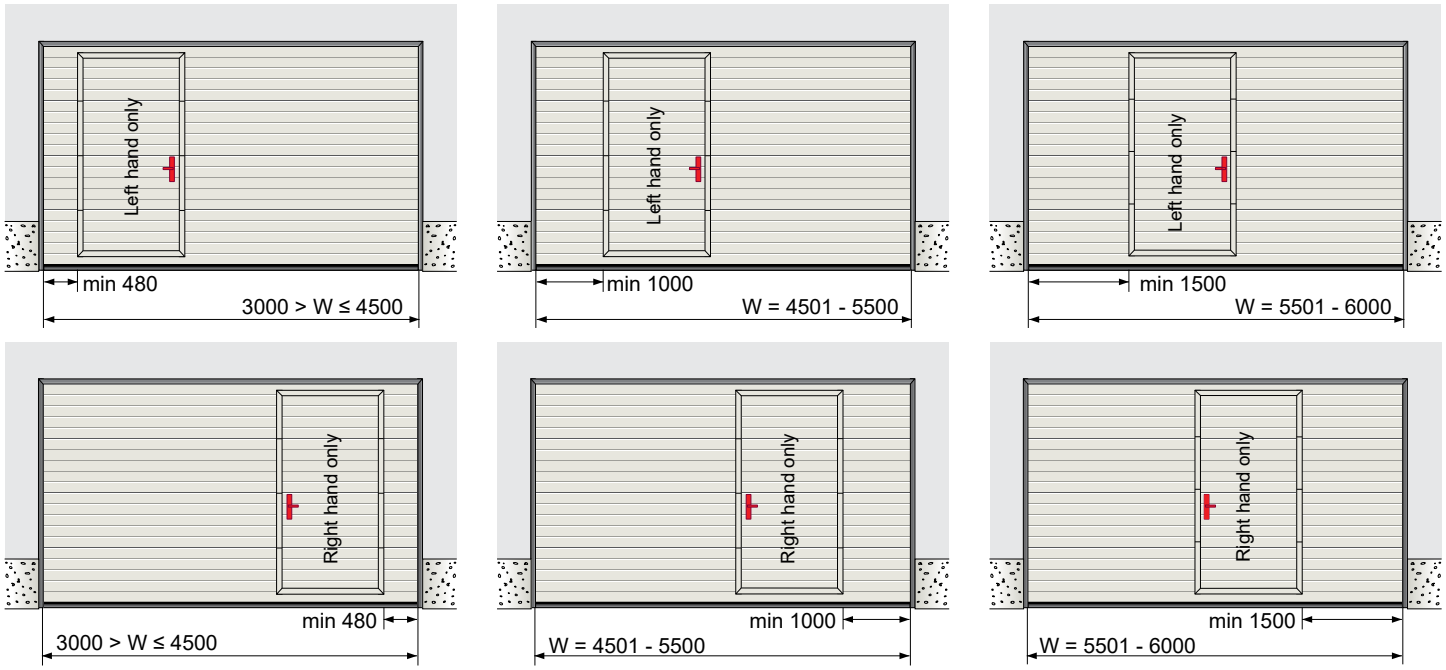
W > 5001 - on request.





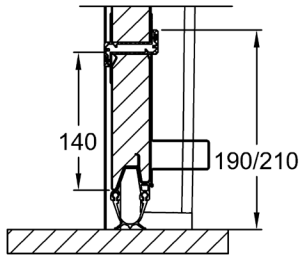
All dimensions are given in millimetres (mm).

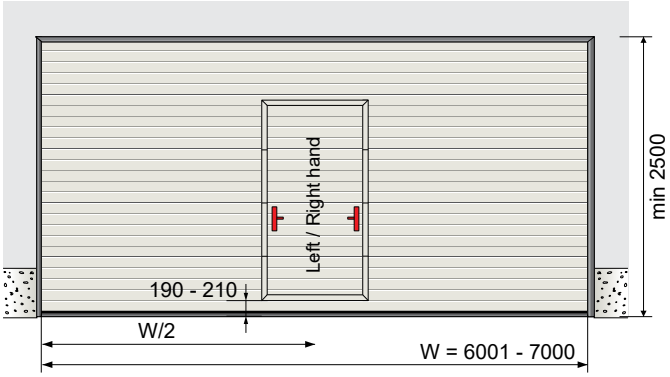
EXTERNAL VIEW



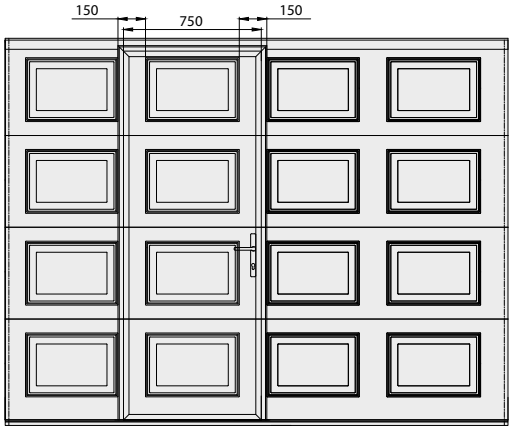
Handle side (L/R) may be chosen when the wicket door is centred.

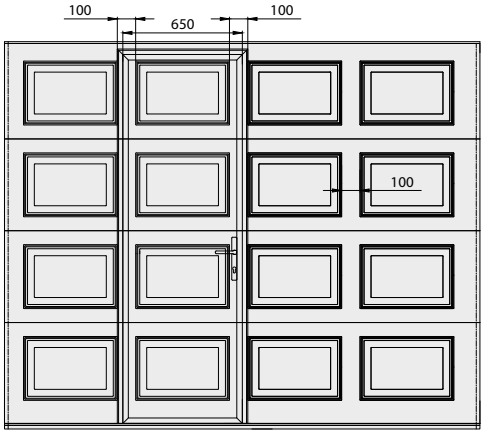
Wicket door with higher threshold.





GEORGIAN (CASSETTE) PANELS





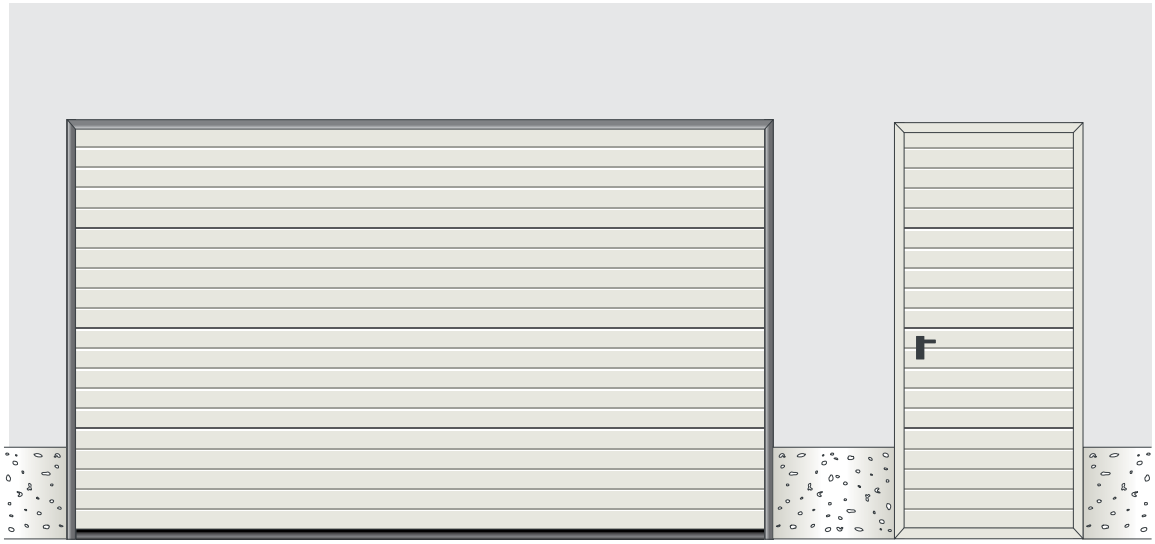
For doors with Georgian (Cassette) panels and wicket door consult manufacturer.

All dimensions are given in millimetres (mm).

SIDE HINGED DOORS



Side hinged doors **SH1**



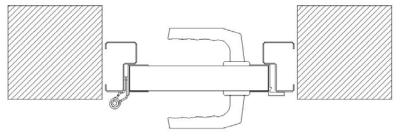


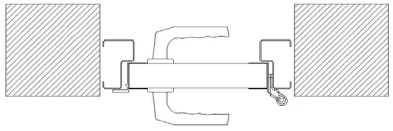


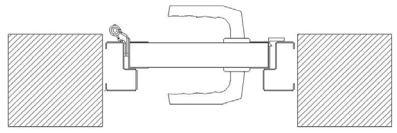
All dimensions are given in millimetres (mm).

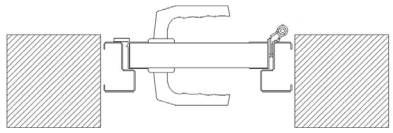
Side hinged doors **SH1**

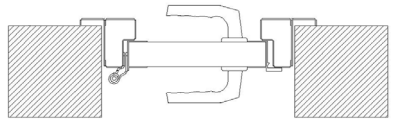
SIDE DOORS **FITTING** AND **OPENING OPTIONS**

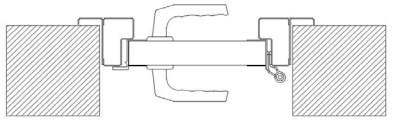
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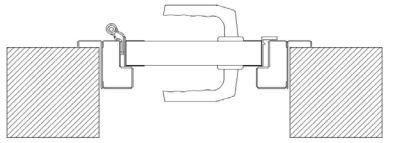
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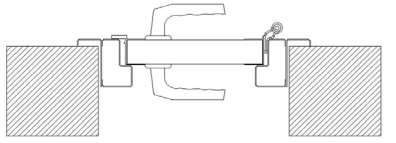
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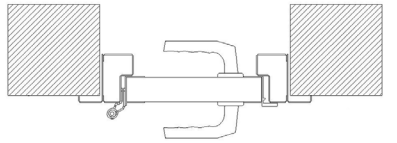
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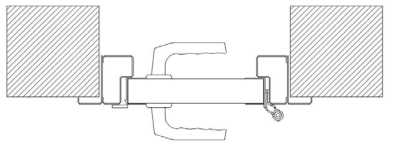
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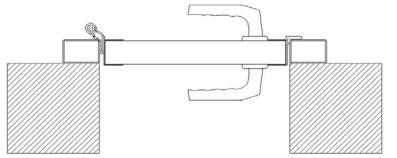
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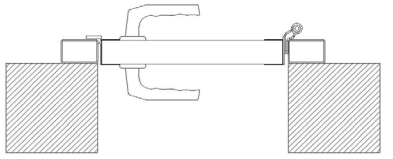
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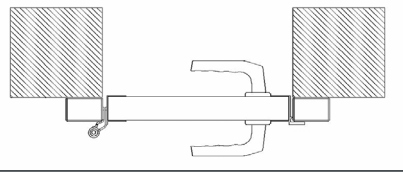
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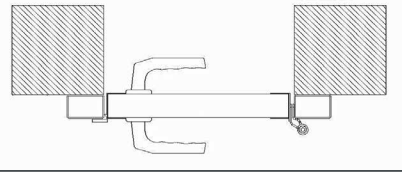
9. 

10. 

11. 

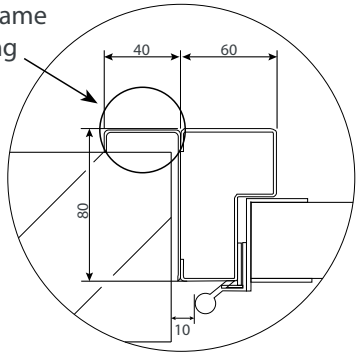
12. 

13. 

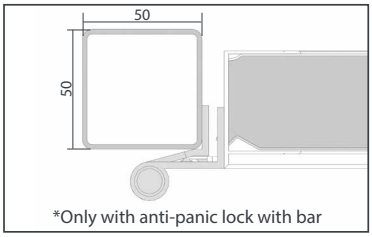
14. 

Frame dimensions

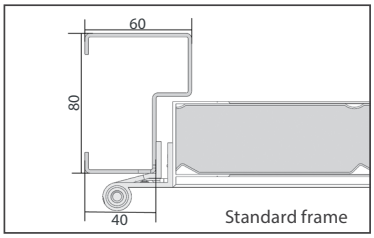
Optional frame moulding



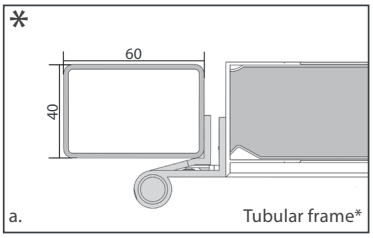
Tolerance of 10 in width and height will be deducted from structural opening sizes given.



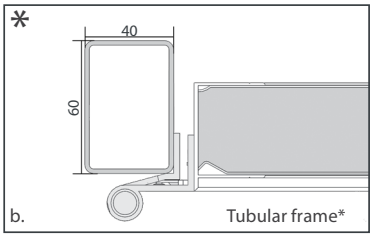
*Only with anti-panic lock with bar



Standard frame



a. Tubular frame*

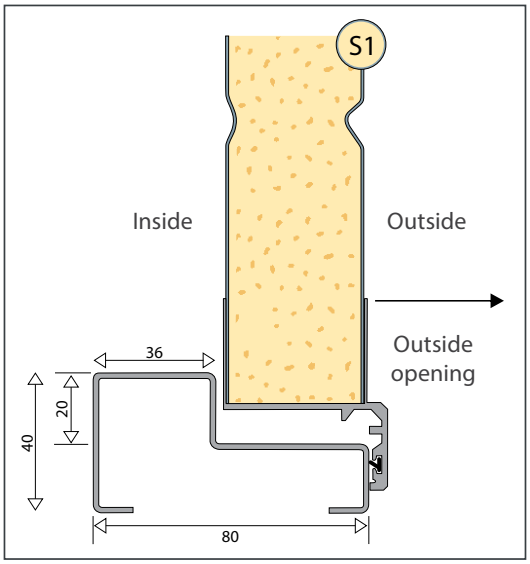


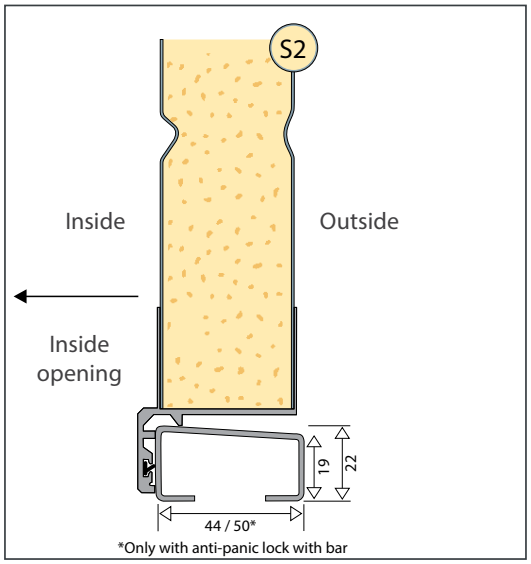
b. Tubular frame*

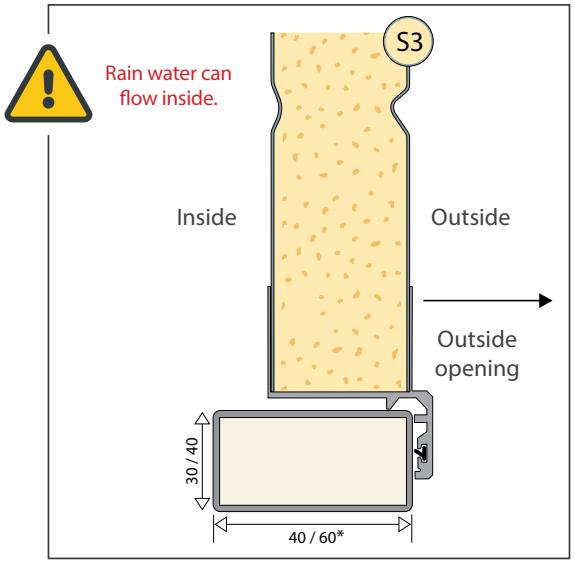
*With threshold S5 side door frame from tube 80x40.

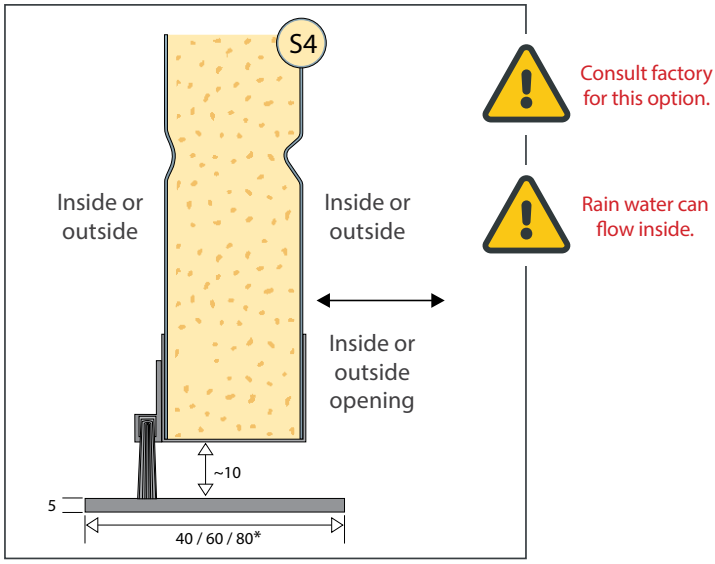
All dimensions are given in millimetres (mm).

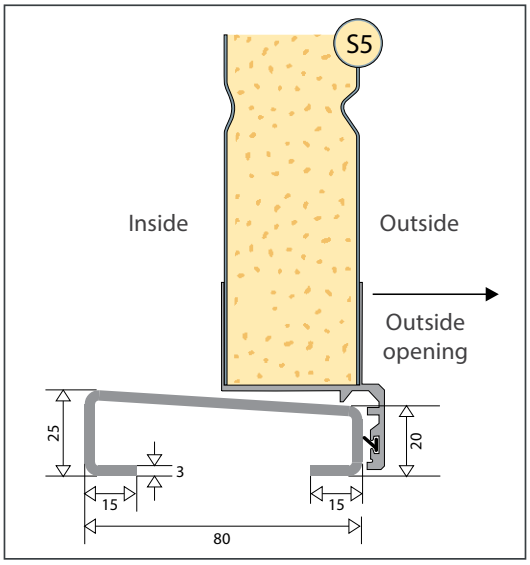
SIDE DOORS **THRESHOLD TYPES**

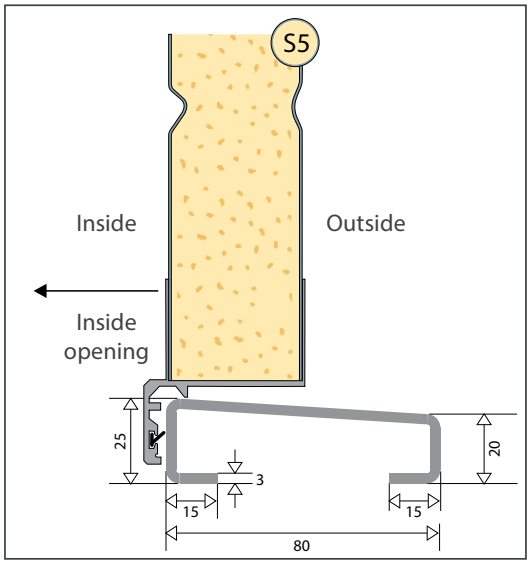








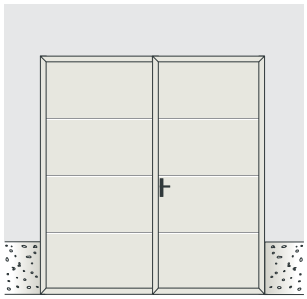
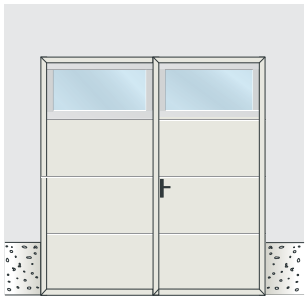
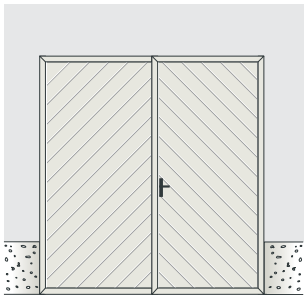
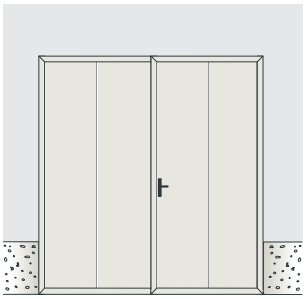
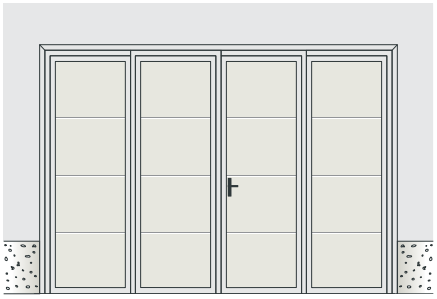


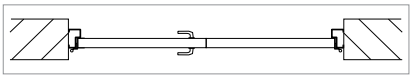


*Depends on door frame option

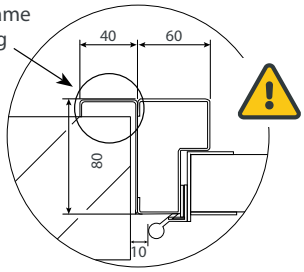
All dimensions are given in millimetres (mm).

Side hinged doors **SH2**



Two leaf doors are recommended when the opening is wider than 1300.

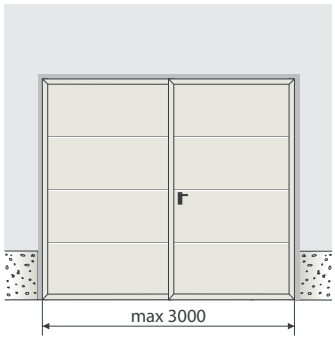


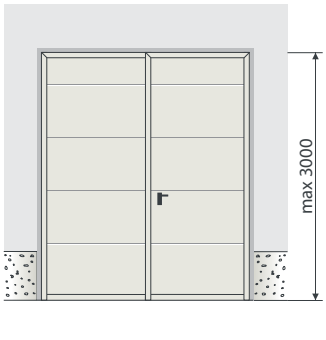
Frame dimensions

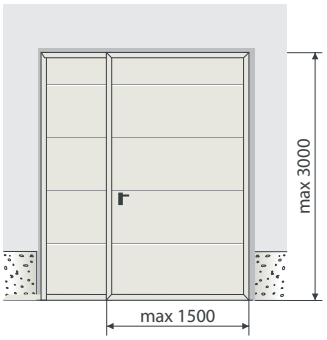
Tolerance of 10 in width and height will be deducted from structural opening sizes given.

DOUBLE SIDE DOOR **CRITICAL DIMENSIONS**









STANDARD HANDLES



Black handle
22050



White handle
22050



Silver handle
22050

Black handle - on wood image and painted doors.
White handle - on white doors.
Silver handle - on silver doors and by request.

OPTIONAL HANDLES



Fixed knob
22046



Stainless steel
HLS 02



Stainless steel
HLS 03



Stainless steel
HLS 04



Stainless steel
HLS 05



Stainless steel
HLS 06



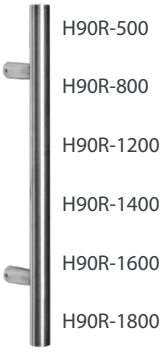
Stainless steel
HLS 12



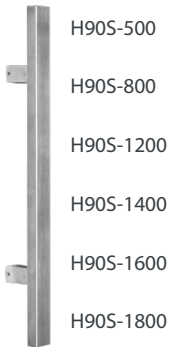
Stainless steel
anti-panic handles
(Only with full lock 22035)



Chrome plated
ASSA Modular
565



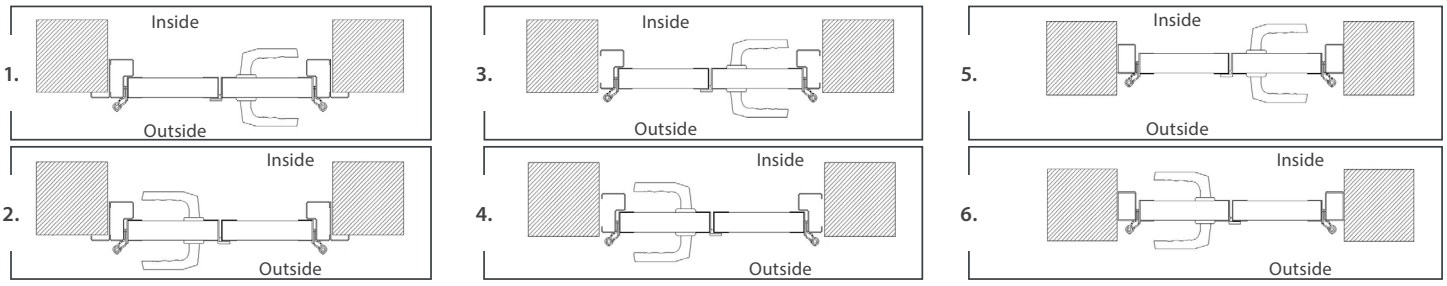
H90R
Ø 30 mm 90°

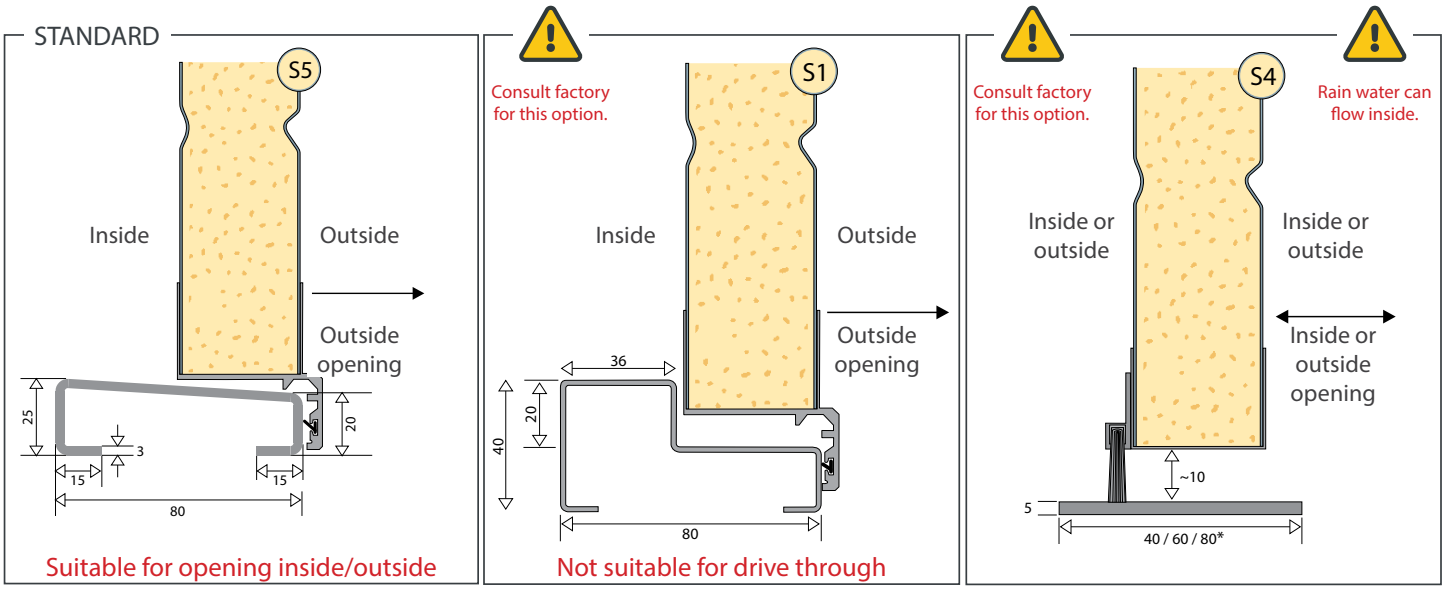


H90S
30x20 mm 90°

All dimensions are given in millimetres (mm).

SH2 **OPENING** AND **HANDLING OPTIONS**

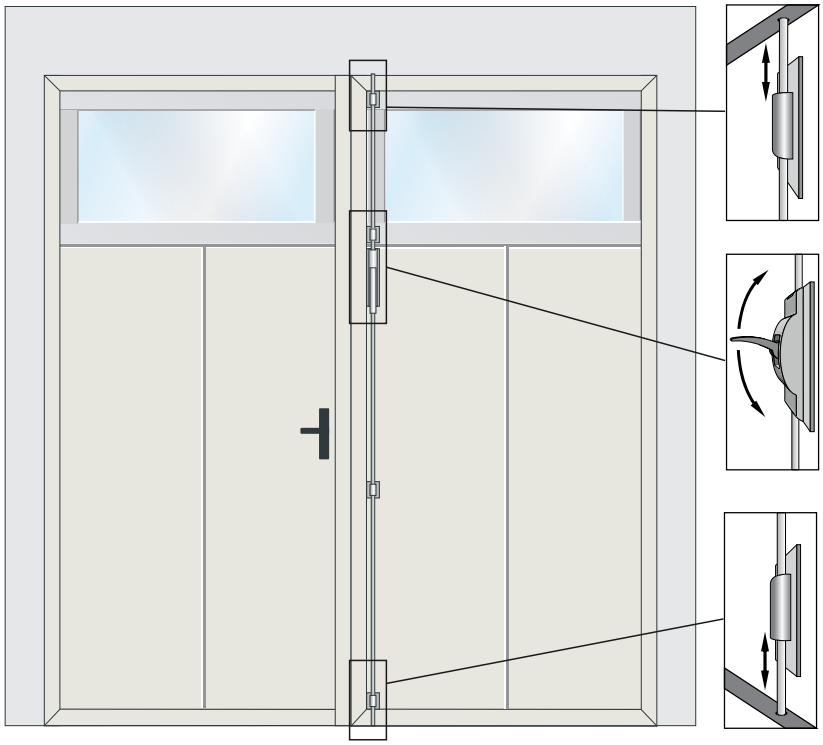




*Depends on door frame option

LOCKING OPTIONS AND **DOOR STAYS**

Espagnolette lock (optional).



Door stays (pr). Door leaf 700<. Opening 90° / 110° (optional).



Locking of the fixed door leaf. Top / bottom (standard).



Shoot bolt for leaf fixation (optional).



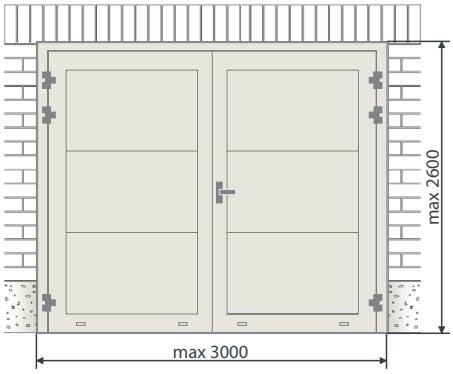
All dimensions are given in millimetres (mm).

SH2 THERMO



Aluminium insulated doors **SH2 THERMO**

SH2T P - with 40 mm slick design panel filling



Standard colours



Painted RAL colours & Slick Plus panels

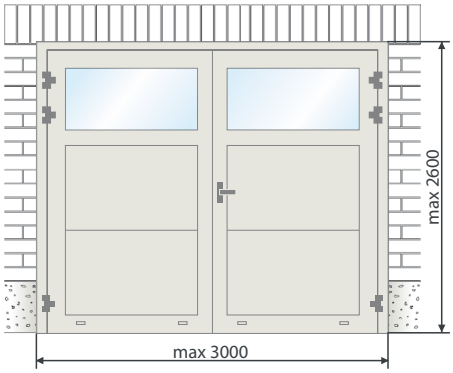


- Door frame size up to: 3000x2600
- Hinges and handle (standard colours: white, black, silver)
- 1-point lock
- Integrated shoot bolts
- Door stays

Door model SH2T P filling inside, Stucco embossed RAL 9002.

Opens only to the outside.
Not suitable for drive through.

SH2T P+FV – with 40 mm slick design panel filling + FV panel



Standard colours



Painted RAL colours & Slick Plus panels

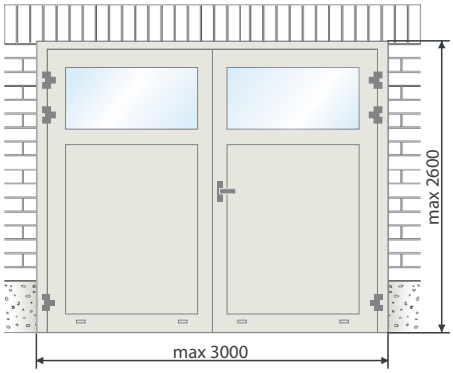


- Door frame size up to: 3000x2600
- Double clear safety glazing/matt (max height 520)
- Hinges and handle (standard colours: white, black, silver)
- 1-point lock
- Integrated shoot bolts
- Door stays

Door model SH2T P+FV filling inside, Stucco embossed RAL 9002.

Opens only to the outside.
Not suitable for drive through.

SH2T S+FV – with 40 mm aluminium sandwich filling + FV panel



Standard colours



Painted RAL colours & Slick Plus panels



- Door frame size up to: 3000x2600
- Double clear safety glazing/matt (max height 520)
- Hinges and handle (standard colours: white, black, silver)
- 1-point lock
- Integrated shoot bolts
- Door stays

Door model SH2T S+FV sandwich filling inside Smooth, same as door colour.

Opens only to the outside.
Not suitable for drive through.

All dimensions are given in millimetres (mm).

Aluminium insulated doors **SH2 THERMO**

OPTIONS

1

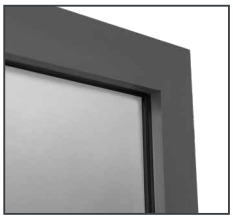
Integrated espagnolette

2

'Stabilus' gas door stays

3

Hinges
(standard colours:
white, black, silver)
K80105448

4

Double clear safety
glazing / matt



5

Handle
(standard colours:
white, black, silver)
K19241108

6

Escutcheon
(standard colours:
white, black, silver)
K19241138

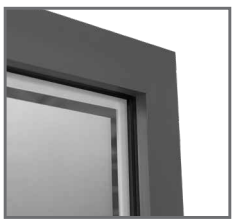
7

Door stays
22061

8

Integrated
shoot bolts
K80009618

MORE OPTIONS


Custom sand blasted
glazing


Custom colour hinges and handle


Fixed knob
with escutcheon
(colours: black, white, silver)

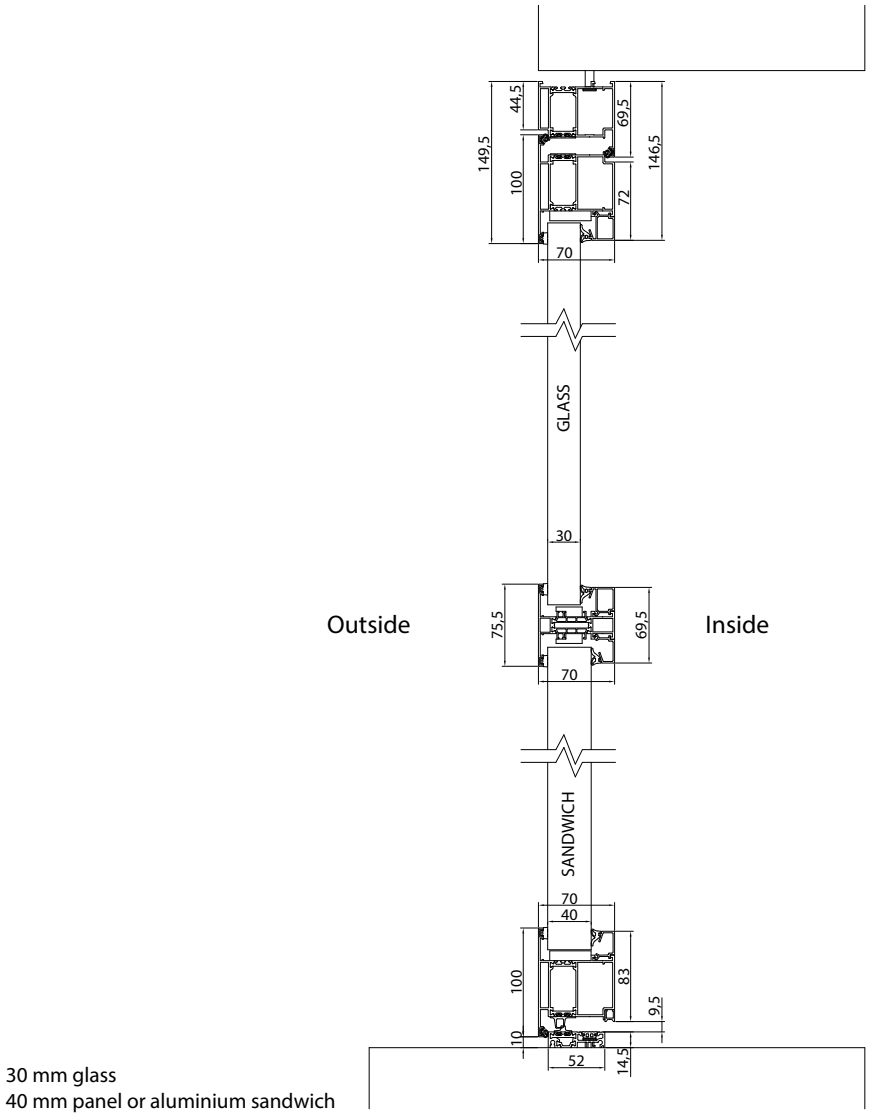

3-point lock for door frame
2390–2600 height
(handle min 1200 from floor)

3-point lock for door frame
2060–2389 height (integrated
espagnolette included)
(handle min 1050 from floor)

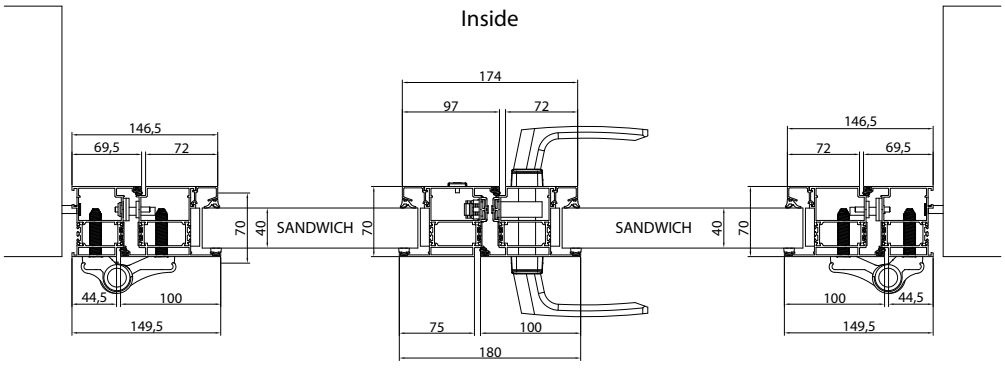
Look for prices in the
GARAGE & INDUSTRIAL DOORS PRICELIST

All dimensions are given in millimetres (mm).

FRAME PROFILE **CROSS-CUT VIEW**



30 mm glass
40 mm panel or aluminium sandwich



Outside

Notes

RYTERNA


RYTERNA