



PRODUCT CATALOG



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Wood

Wood is a natural and durable building material. People have used this building material for centuries. It provided a favourable microclimate at the place of residence, absorbs excess moisture from outside and gives it back, when necessary. Windows and doors from this natural, high value and environment friendly material gives an aura of warmth and cosiness to your home; in turn, gives a tasteful look to the facade.

Wood is really a practical building material. It is distinguished with a long-term service life, high mechanical strength and good thermal insulation properties. Out of all currently available materials used for manufacturing windows wood has the least ability to conduct heat. It means that this material obtains the best thermal insulation properties. If you choose to install wooden windows with glass units, you save not only thermal energy and reduce the loss of heat.

Soundproofing

Pine and oak are the most popular raw materials for wooden windows. We are able to produce windows from other species of wood on your request. Wood is durable material; it is peculiar with good soundproofing properties.

It is regarded that 90% of noise come through windows and doors. Noise and interrupted dream may cause different health problems. As is well-known, sound sleep provides brain and body recovery, which in turn, ensures good health. Soundproofing wooden windows represent a good solution for urban living conditions, as duly insulate a house from ambient noise. Wooden windows can improve your living standards, creating the atmosphere of relaxation at home. Very good soundproofing is characteristics of the windows manufactured in spring – up to 38dB. In comparison, the soundproofing is about 15 cm 20dB of thick expanded-clay block building partitions used in the construction, which is twice as much less than of the wooded windows.

Energy savings

One should strictly adhere to a number of regulations relative to the energy saving at home. One of the solutions makes up qualitative thermal insulation windows. 35% of heat can be lost through substandard windows. The thicker is a window frame, the thicker is a multiple glass unit, as the lower is the heat loss factor, which is characteristic of U_w . Thicker window frame enables to use triple glass units, which considerably improve thermal properties of the windows. Using selective glass and replenishing the glass units with inert gas, the thermal insulation factor is improved. Inert gas increases the temperature of glass units from inside, thereby keeping the heat inside the premises at low outdoor temperature.

Wood is possible to renovate

As time passed, wooden windows can be renovated many times, matching with particular interior and façade changes. This operation is impossible with PVC windows. In the event of damage or scratch wooden windows can be easily renovated, while PVC windows stay damaged until the replacement.



STYLE 68



double-glazed



winter ventilation



environment friendly product



high quality



modern design



excellent soundproofing



frame thickness 68mm

Wooden window STYLE 68 combines natural materials with modern technology and performance to provide a beautiful view as well as quality soundproofing and heat insulation. With insulating glass units made by reliable manufacturers, fitting accessories and varnish glazing, these windows guarantee high quality and a long service life.



ELEGANCE 92



triple glass unit



winter ventilation



environment friendly product



high quality



modern design



excellent soundproofing



frame thickness 92mm

This energy-efficient window is a great choice for those looking for natural wood windows and saving on heating bills. The modern technologies used in the making of ELEGANCE 92 bring together high quality design, function and comfort. It is an excellent solution for outdoor noise reduction and saving thermal energy. Advanced processing with antiseptic and other coatings provides maximum protection from environmental impact and ensure durability.



STYLE 68 HS



double-glazed unit



advanced technology



modern design



high quality



excellent soundproofing



frame thickness 68mm



safety

With sliding windows you can be closer to nature while staying indoors – they create no visual barrier between the inside and the outside. Carefully selected wood, good air circulation capacity, heat insulating double-glazed units, as well as other essential functions make STYLE 68 HS a great choice for those looking for high quality windows at a reasonable price. A sliding window is the best door to connect to a garden, terrace, balcony, unheated porch or winter garden. It also comes in handy in situations where it's impossible to install hinged doors. The windows can be made up to 6 meters wide and 2.5 meters high, and even if the whole system can weigh up to 500 kg, the large glazing lends the whole building a visual lightness.



ELEGANCE 92 HS



triple glass unit



advanced technology



modern design



high quality



excellent soundproofing



frame thickness 92mm



safety

Would you like to be surrounded by natural light and fresh air? Then what you need are these energy-saving sliding windows to the balcony or the garden. The thicker frame allows using triple glass units, considerably improving the thermal performance of the window. ELEGANCE 92 HS is also an excellent solution to reduce outdoor noise and save thermal energy. A sliding window is the best door to connect to a garden, terrace, balcony, unheated porch or winter garden. The frame construction allows producing windows up to 6 meters wide and 2.5 meters high, with the largest single panel size measuring 3 by 2.5 meters. Even if the whole system can weigh up to 500 kg, the large glazing lends the whole building a visual lightness. The opening and closing mechanisms meet the highest functionality and safety requirements, including break-in protection, and provide excellent insulation.



triple glass unit



winter ventilation



energy-saving



environment friendly product



long-term service life



excellent soundproofing



frame thickness 92mm

PLATIN 92 AL combines excellent design, high quality materials and modern technology. The 92 mm thick wooden frame with an aluminium profile considerably reduces the loss of heat and protects window frames from environmental impact, with the aluminium lining providing a superior protection to the wooden frame and ensuring its durability. Wood is a natural material with low thermal and sound conductivity, it is environmentally friendly and blends well into any interior. PLATIN 92 AL windows are made with the best materials aimed at meeting sustainable design requirements, providing safety, excellent heat insulation and soundproofing, and a long service life.



PLATIN 92 AL HS



triple glass unit



advanced technology



long-term service life



high quality



excellent soundproofing



frame thickness 92mm

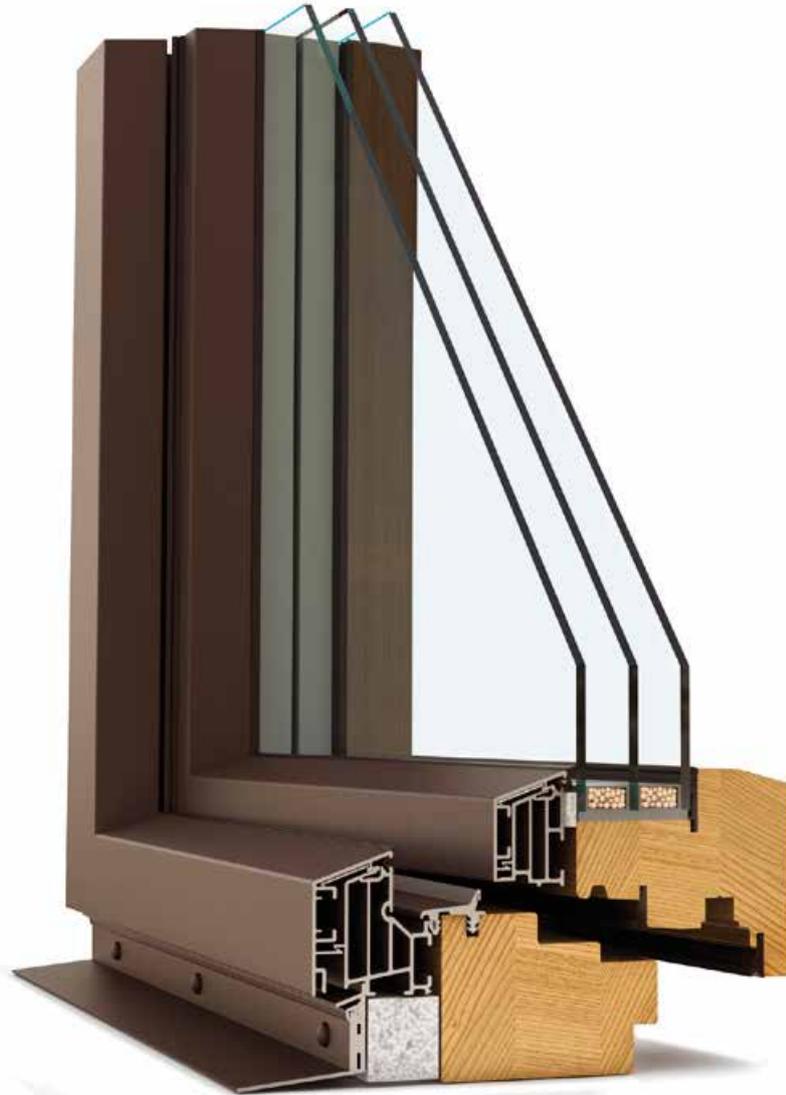


safety

PLATIN 92 AL HS combines excellent design, high quality materials and advanced technology. The 92 mm thick wooden frame with triple glass units and aluminium lining on the outside reduces the loss of heat and protects the window frame from environmental impact. Wood is a natural material with low thermal and sound conductivity, it is environmentally friendly and blends well into any interior. Aluminium lining protects the natural wooden frames from environmental impact, providing superior protection. PLATIN 92 AL HS windows are made with the best materials aimed at meeting sustainable design requirements, providing safety, excellent heat insulation and soundproofing, and a long service life. The opening and closing mechanisms meet the highest functionality and safety requirements, including break-in protection, provide excellent insulation and a long service life.



PLATIN 92 AL THERMO



triple glass unit



winter ventilation



energy-saving



long-term service life



high quality



excellent soundproofing



frame thickness 92mm

Those who build, renovate or expand their houses, know very well that their choice in selecting windows and doors will have a considerable effect on the overall look of the building. PLATIN 92 AL THERMO is a wooden window, additionally equipped with a special aluminium lining from the outside – it protects window frames from environmental impact and provides additional thermal insulation. Aluminium can be painted in any colour from the RAL colour palette. This type of window boasts the highest possible thermal insulation ratio and ensures a long-term effect.

HANDLES



HANDLES COLOR

*tone samples can differ from tones in the nature



DARK GOLDEN



WHITE



BROWN



BRONZE ANODIZED



TITANIUM



GOLD



SILVER



ARGENTINE

COLOUR FOR DRIPSTONE AND RAINFALL NOSE (RUN-OFF)

*tone samples can differ from tones in the nature



silver



white



bronze anodized



black

SEALS COLOURS

*tone samples can differ from tones in the nature



white



beige



brown

SILICONE COLOURS

*tone samples can differ from tones in the nature



transparent



pine



white



cuttlefish



terracotta



chocolate



mahogany



grey



black

DECORATIVE GLASS



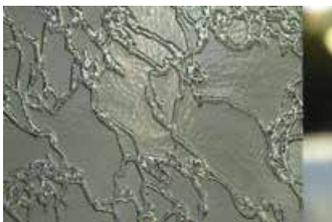
KURA



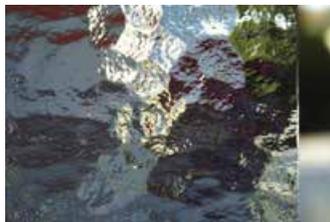
MATELUX



ATLANTIC



DELTA M



KATHEDRAL



FLUTES



CREPI



SILVIT



DIAMANTE

COLOURS



LACQUER GLAZE COLOURS

*tone samples can differ from tones in the nature

OAK



HEMLOCK UV



FARBLOS



AFZELIA



KIEFER



EICHE HELL



AFROMOSIA



TEAK



MAHAGONI



NUSBAUM



PALISANDER

PINE



HEMLOCK UV



FARBLOS



AFZELIA



KIEFER



EICHE HELL



AFROMOSIA



TEAK



MAHAGONI



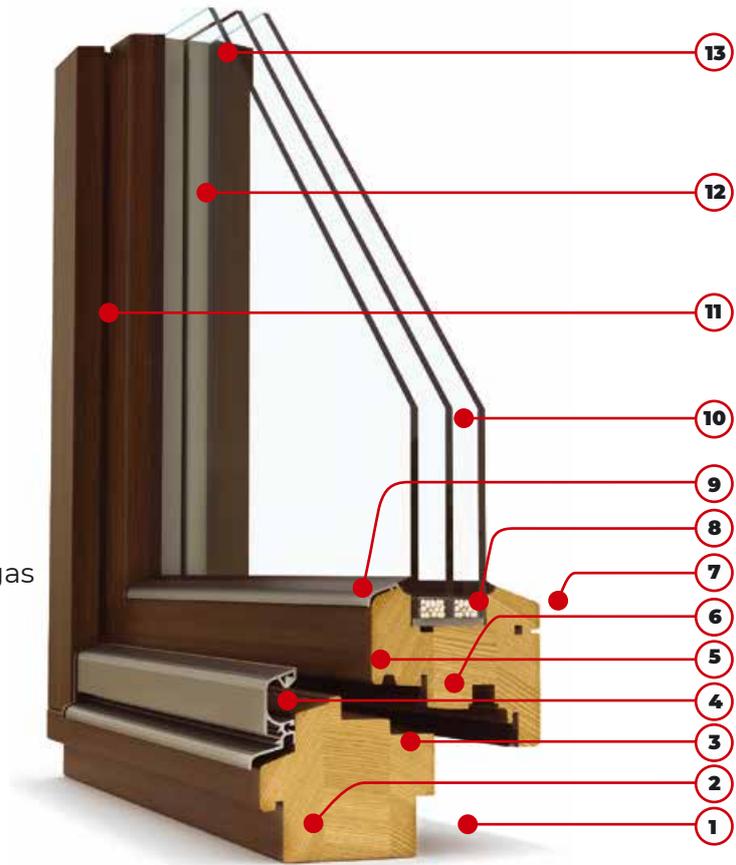
NUSBAUM



PALISANDER

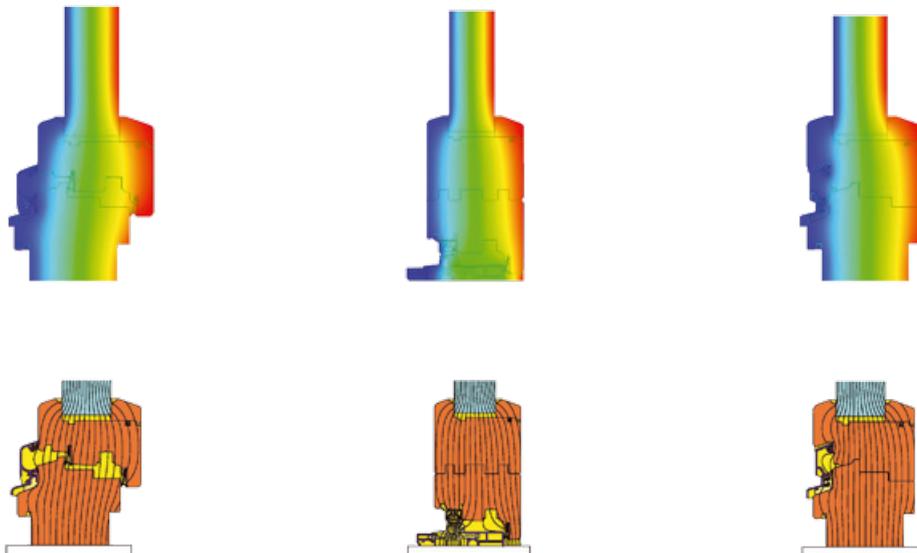
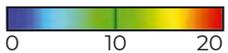
PROFILE DETAILS

1. Internal sill attachment area
2. External sill attachment area
3. Triple glued lamella
4. Aluminum storm sewage
5. Leaf/sash 92mm
6. Rubber sealing
7. Wooden rack for glass
8. Thermal batten filled with air and moisture absorbent
9. Aluminum dripstone
10. Triple glazed units filled with argon gas
11. Four-layer finish for wooden frames
12. Silicone sealant
13. PVC thermal batten



WINDOW THERMOGRAPHY INDICATORS

temperature scale C°



TECHNICAL PARAMETERS

NAME OF THE PROFILE	PROFILE FIGURE	TYPES OF OPENING	MULTIPLE GLASS UNITS THERMAL INSULATION RATIO			
			UG=0.5	UG=0.6	UG=0.8	UG=1.0
WOODEN WINDOWS						
STYLE 68		VL, VK, AA, AL, V-AA, V-AL, N	-	-	-	X
ELEGANCE 92		VL, VK, AA, AL, V-AA, V-AL, N	-	X	-	-
STYLE 68 HS		1B, 2B, 3B, 4B, N	-	-	-	X
ELEGANCE 92 HS		1B, 2B, 3B, 4B, N	-	X	-	-

WOODEN AND ALUMINUM WINDOWS

PLATIN 92 AL		VL, VK, AA, AL, V-AA, V-AL, N	X	-	-	-
PLATIN 92 AL HS		1B, 2B, 3B, 4B, N	X	-	-	-
PLATIN 92 AL THERMO		VL, VK, AA, AL, V-AA, V-AL, N	X	-	-	-

* DECIPHERING OF THE TYPES OF WINDOW OPENING

Opening on the right	VL	Opening-tilting from the top	V-AA
Opening on the left	VK	Opening-tilting from the bottom	V-AL
Tilting from the top	AA	Removable multiple glass units	N
Tilting from the bottom	AL		

WINDOW THERMAL INSULATION RATIO		SOUNDPROOFING RATIO R_w	EQUIPMENT	POSSIBLE EXPANSION WORK EQUIPMENT
PINE	OAK			
WOODEN WINDOWS				
1.20	1.30	32dB	Colours from RAL catalogue or Remmers. 10 standard colours for varnish. Handle with the pivoted lock, possible to open in vent position. Possible to choose different colours for the lock from outside and inside.	Different types of decorative glass. Concealed hinges. Lockable window handle. Possible to install printed glass, illuminated text.
0.76	0.88	36dB	Colours from RAL catalogue or Remmers. 10 standard colours for varnish. Handle with the pivoted lock, possible to open in vent position. Possible to choose different colours for the lock from outside and inside.	Different types of decorative glass. Concealed hinges. Lockable window handle. Possible to install printed glass, illuminated text.
1.20	1.30	32dB	Colours from RAL catalogue or Remmers. 10 standard colours for varnish. Handle with the pivoted lock, possible to open in vent position. Possible to choose different colours for the lock from outside and inside.	Different types of decorative glass. Concealed hinges. Lockable window handle. Possible to install printed glass, illuminated text.
0.76	0.88	36dB	Colours from RAL catalogue or Remmers. 10 standard colours for varnish. Handle with the pivoted lock, possible to open in vent position. Possible to choose different colours for the lock from outside and inside.	Different types of decorative glass. Concealed hinges. Lockable window handle. Possible to install printed glass, illuminated text.

WOODEN AND ALUMINUM WINDOWS

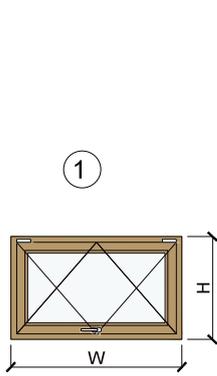
0.76	0.88	36dB	Aluminum lining from outside. Handle with pivoting keys may open in the vent position. Glass units with thermal batten (furring), filled with air and moisture absorbent.	Different types of decorative glass. Concealed hinges. Lockable window handle. Possible to install printed glass, illuminated text.
0.76	0.88	36dB	Aluminum lining from outside. The handle is inside, glass unit with termix Warm Edges Svispeiseri. Handle with the pivoting lock.	Different types of decorative glass. Automatic door closing applying the remote controls. The door handle is lockable on both sides.
0.69	0.79	38dB	Aluminum lining from outside. The handle is inside, glass unit with termix Warm Edges Svispeiseri. Handle with the pivoting lock. Aluminum pads with an additional 30mm insulation.	Different types of decorative glass. Concealed hinges. Lockable window handle. Possible to install printed glass, illuminated text.

* DECIPHERING OF THE TYPES OF OPENING OF SLIDING SYSTEM

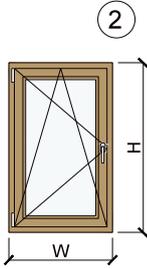
Two sections-one fixed and one sliding	1B
Two sections-both sliding	2B
Three sections-two outer fixed, internal sliding	3B
Four sections-two external fixed, two internal sliding	4B

RANGE OF WINDOW PARAMETERS

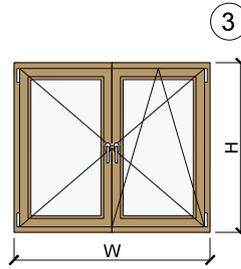
STYLE 68 ELEGANCE 92 PLATIN 92 AL PLATIN 92 AL THERMO



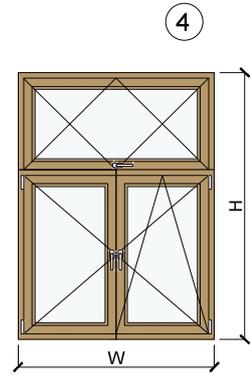
W=450 ÷ 2400
H=450 ÷ 1550



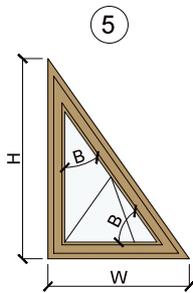
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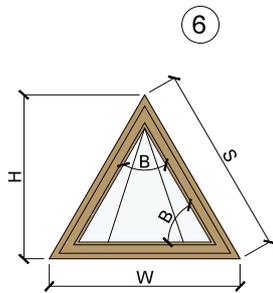
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H=550 ÷ 2580



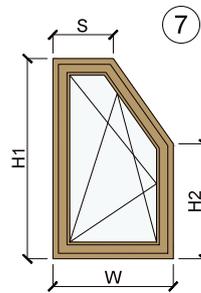
W=850 ÷ 2400
Hmax 3400



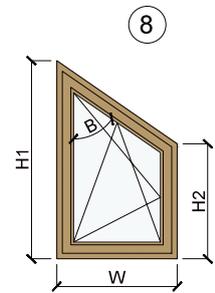
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H min 690
B min 32°



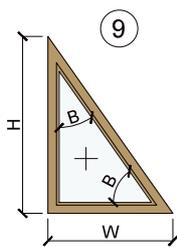
W min 600
H min 600
S min 600
B min 32°



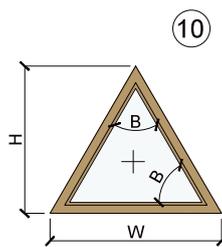
W min 550
H1min 800
H2min 580
S min 300



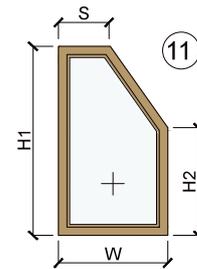
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H1min 800
H2min 580
B min 32°



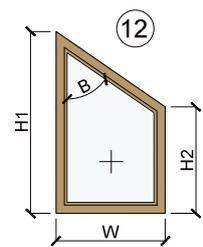
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B min 32°



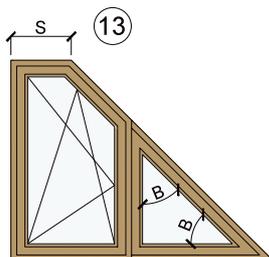
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H min 300
S min 300
B min 32°



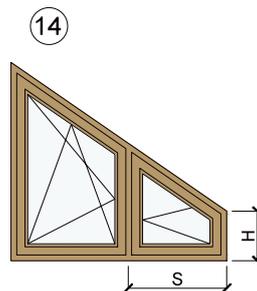
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S min 300



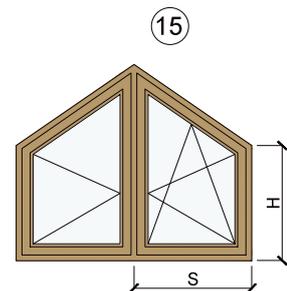
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H1min 300
H2min 300
B min 32°



S min 300
B min 32°



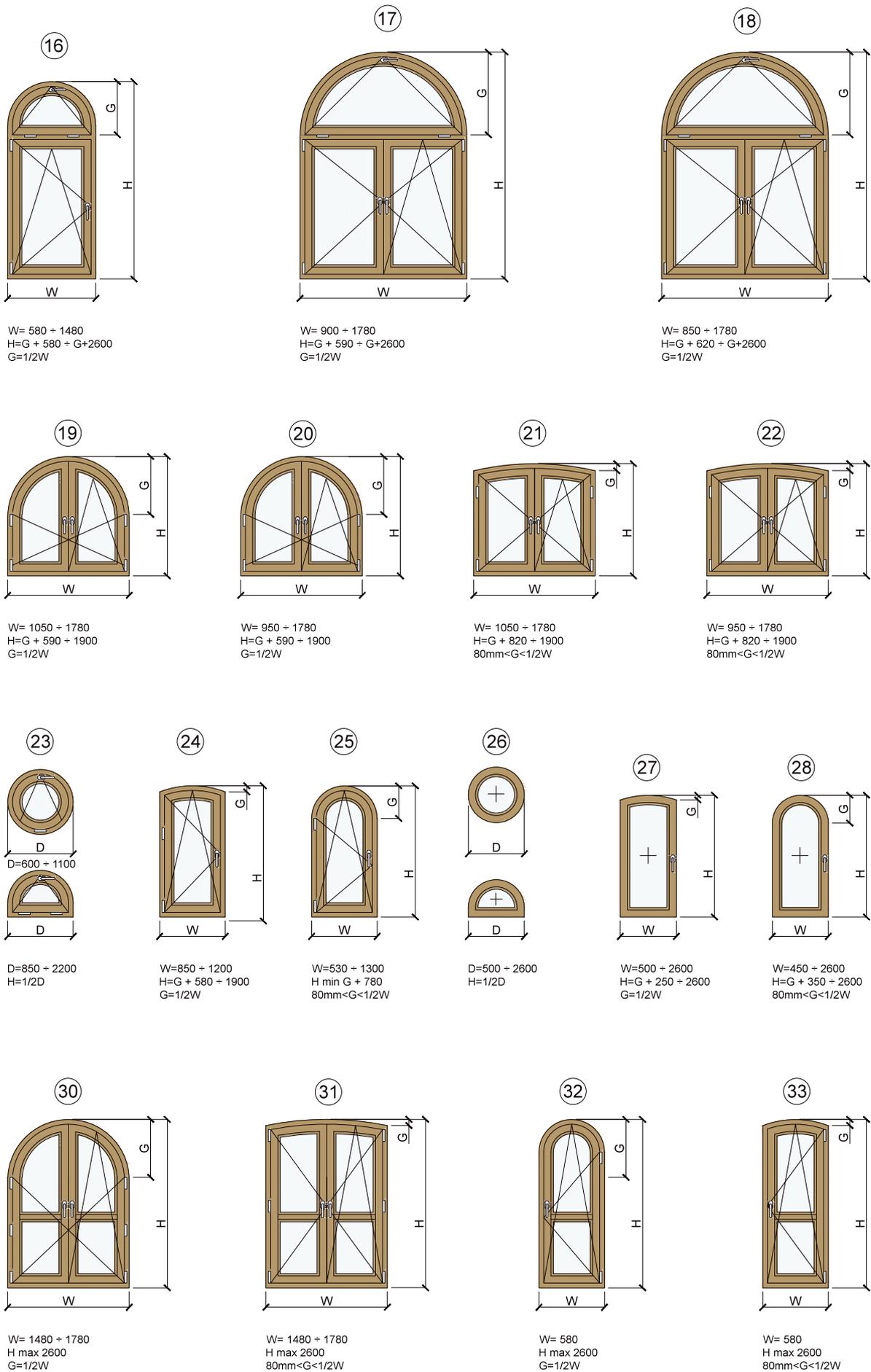
S min 400
H min 600



S min 400
H min 800

RANGE OF WINDOW PARAMETERS

STYLE 68 ELEGANCE 92



RANGE OF WINDOW PARAMETERS

STYLE 68

STYLE 68 HS

ELEGANCE 92

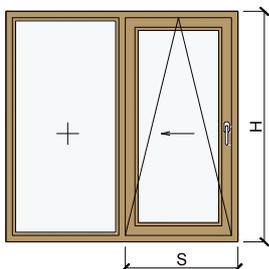
ELEGANCE 92 HS

PLATIN 92 AL

PLATIN 92 AL HS

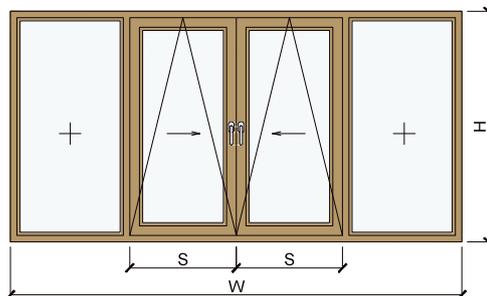
PLATIN 92 AL THERMO

34



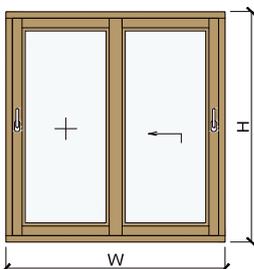
S=650 + 1680
H=1030 + 2580

35



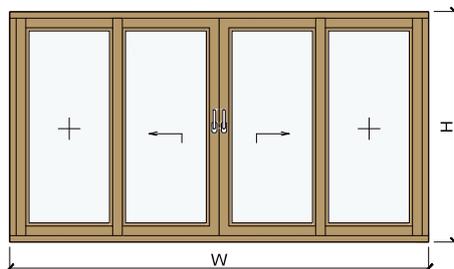
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H=1950 + 2580

36



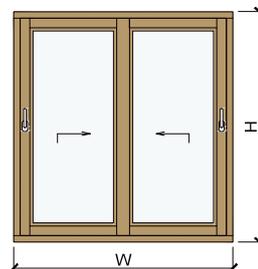
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H max 2500
vērtnes svars max 300kg

37



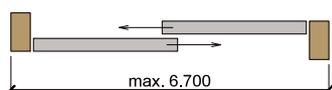
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H max 2500
vērtnes svars max 300kg

38

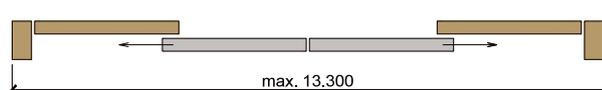


W max= 4000
H max 2500
vērtnes svars max 300kg

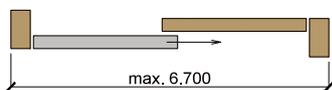
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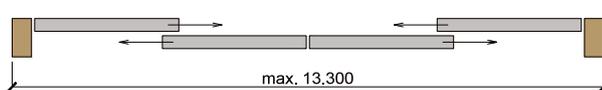
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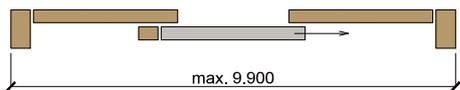
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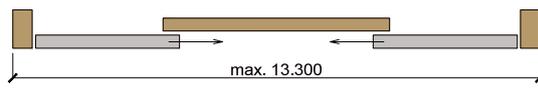
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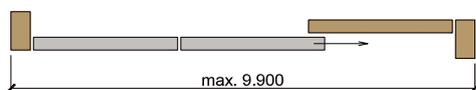
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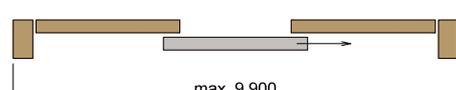
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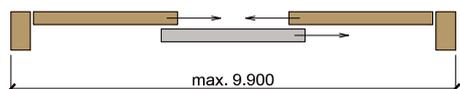
shema G



shema H



shema I





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