

Product Card



Elite 92 Timber and Timber/Aluminium Clad Windows

➤ FSC® (FSC® C003983)



Elite 92
Triple glazing unit (inner view)



Elite 92 Alu Quadrat
Triple glazing unit (outer view)



Elite 92
Triple glazing unit (outer view)



Elite 92 Alu Classic
Triple glazing unit (inner view)



Elite 92 Alu Quadrat
Triple glazing unit (inner view)



Water-tightness = Class 9A



Overall U-value = 0,8 W/m²K



Air Permeability = Class 4



Resistance to wind load = Class C5



Elite92

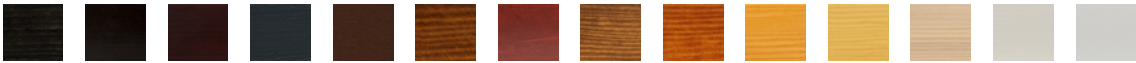
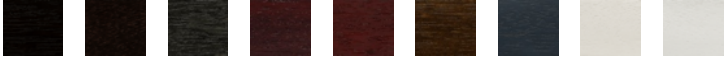
Product	Sokolka Alu-Timber tilt and turn windows and terrace doors manufactured to our standard sectional detail, complete range of inward opening windows, fixed frames, terrace doors with maintenance aluminum outside and timber on inside.
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Construction

Wooden frame	Cross laminated timber – 3 or 4 layers in thickness. External layer solid (without finger joint) or laminated to length (finger joint). Timber frame 92mm; with aluminum clad 103,5mm.
Material	Timber types: pine, meranti and oak. Our windows are made of wood – a natural material of the best quality. The material is carefully selected and dried. Upon request, we put the FSC® (FSC®C0038983) logo on the products made of pine to confirm that the wood is traceable to a sustainably managed forest.
Aluminum cladding	Aluminum clads from outside. An aluminum cladding protects all external surfaces. A robust fixing system using synthetic clips ensures that the aluminum cladding is not in direct contact with the timber allowing ventilation and drainage in all necessary areas.
Glass unit	Triple with a warm TGI black spacer bar or Multitech black spacer bar, low-emission glass, available glass: safety laminated class 2b2, toughened, security class P2 and P4, selective – limiting the penetration of solar energy, reflexive, ornamental, opaque. • Triple glazed unit: up to - Ug=0,5 W/(m²K) - width 48mm The outstanding characteristics of the Elite92-Profile and the resulting higher safety indicators, allow the usage of bigger glazing packages, the usage of heavier laminated glazing, better acoustic values and even the possibility for a fourfold glazing if needed.
Parameters	Heat transfer coefficient: - triple glazed windows Uw=0,8 W/m²K Acoustic parameters Rw=33-42dB (depending on chosen glass unit)

Finish

Paint	Fully factory finish systems: - RAL palette colours - transparent colours with visible wood structure
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Pine	
Oak	
Meranti	

Aluminum cladding	Powder coated in RAL colours + AKZO NOBEL Interpon Collection Futura 2018-2021
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Fittings

Type	SIEGENIA TITAN AF, fittings with anti-burglary hook and micro-ventilation.
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Optional	Hidden hinges SIEGENIA AXXENT 24, TBT - tilt before turn, anti-burglary fittings class RC2.
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Opening options	Tilt&turn, turn, tilt, tilt&slide.
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Additional functions	Opening restrictor, multi-level tilting, anti-burglary fittings, HAU TAU closing system allows to tilt upper sash from the floor level.
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Accessories

Standard	Handles, micro ventilation, handle turning restrictor, anti-theft fittings hook, thermo drip cap, warm Thermix edge inside glass units.
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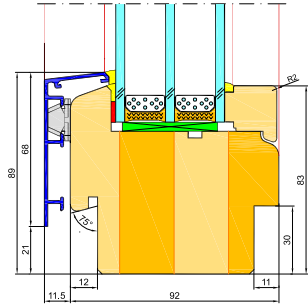
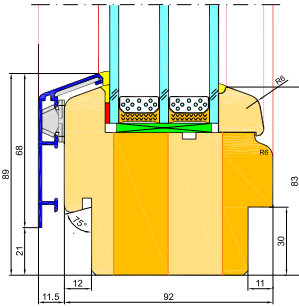
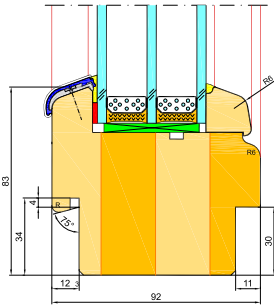
Optional	Vents, bars, different kinds of glass, additional fittings options, balcony doors with low threshold, tilt & slide doors, accessories as sills, mosquito nets, roller shutters.
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Elite 92

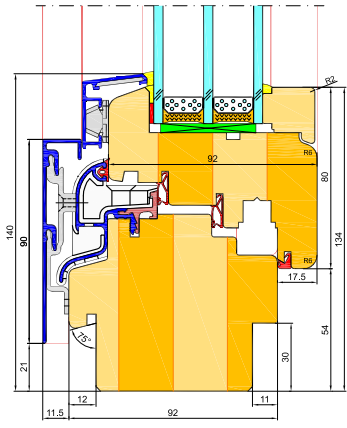
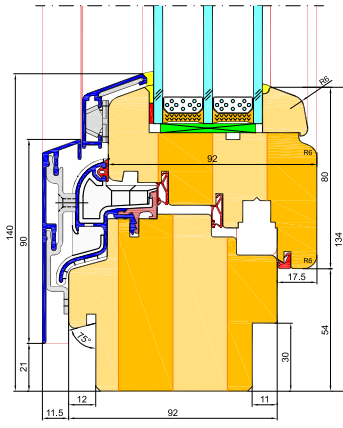
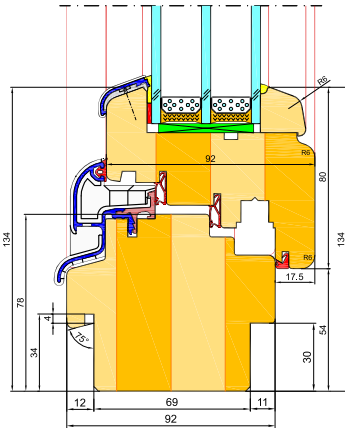
Elite 92 Alu Classic

Elite92 Alu Quadrat

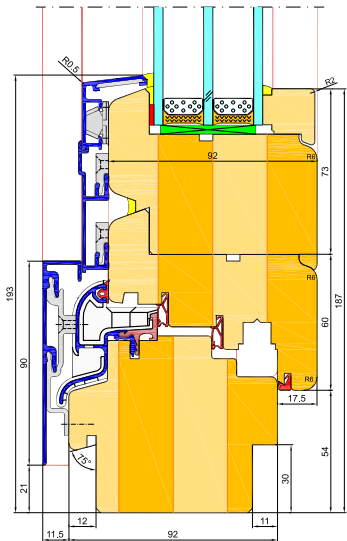
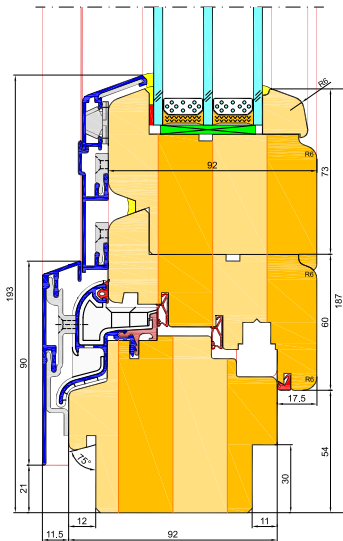
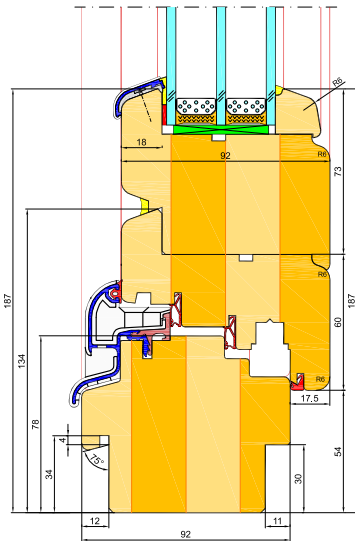
Section threshold cross section



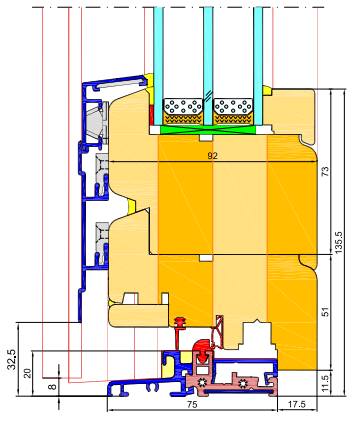
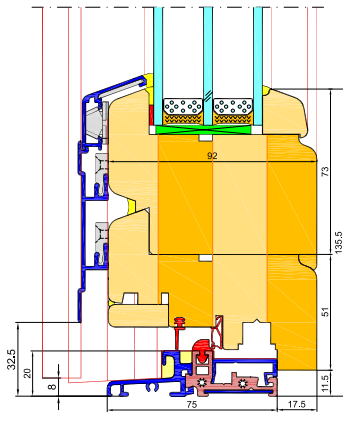
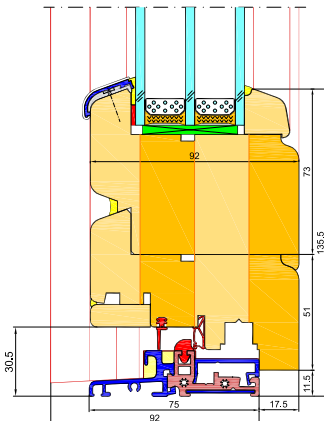
Section opening window

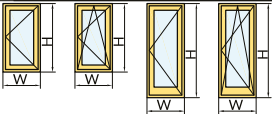
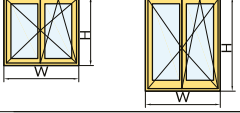
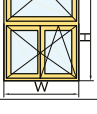
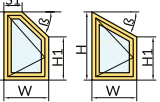
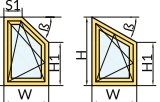
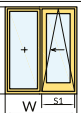
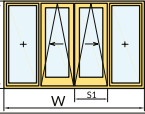
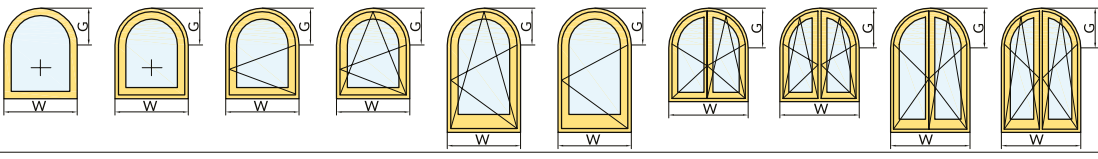
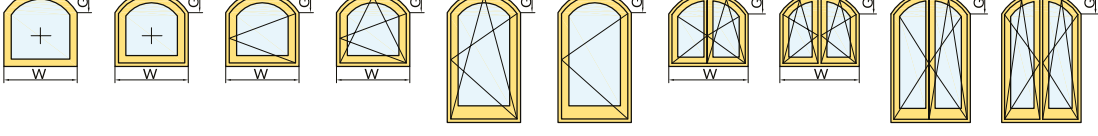


Section threshold of balcony doors



Section low threshold of the balcony door



Window type		Window width		Window height		Angle	Item width		Item height	Arc height
		W minimum	W maximum	H minimum	H maximum	β minimum	S1 minimum	S1 maximum	H1 minimum	G
	ELITE92	450	2400	450	1550					
	ELITE92 ALU	450	2400	450	1550					
	ELITE92	470	1470	550	2700					
	ELITE92 ALU	470	1470	550	2700					
	ELITE92	850	2470	550	2700					
	ELITE92 ALU	850	2470	550	2700					
	ELITE92	850	2570	550	2700					
	ELITE92 ALU	850	2570	550	2700					
	ELITE92	850	2400	1150	3400					
	ELITE92 ALU	850	2400	1150	3400					
	ELITE92	300	2700	300	2700	32°	300		300	
	ELITE92 ALU	300	2700	300	2700	35°	300		300	
	ELITE92	690		690		32°				
	ELITE92	600		600		32°	600			
	ELITE92	550		600		32°	320		500	It is possible to make some timber-clad trapezoidal window constructions after confirmation by the Sokółka technology department
	ELITE92	550		800		32°	320		500	
	ELITE92	1710	3700	1130	2700		810	2030		
	ELITE92 ALU	1710	3700	1130	2700		810	2030		
	ELITE92	2900	3700	1130	2700		710	1640		
	ELITE92 ALU	2900	3700	1130	2700		710	1640		
  							Arched windows are available in a timber version without an aluminum clad. It is possible to make FIX arched windows with aluminum clad - confirmed by the Sokółka technology department. The detailed dimension range of arched windows requires confirmation by the Sokółka technology department.			G = 1/2W
										G < 1/2W

The maximum dimensions may be limited after exceeding the maximum permissible sash weight. Other dimensions can be made after confirmation with the technology department.