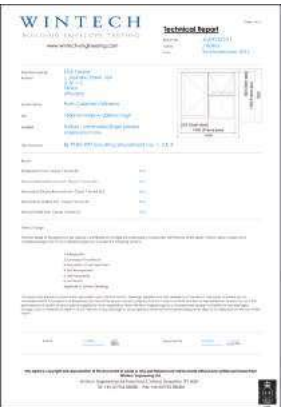
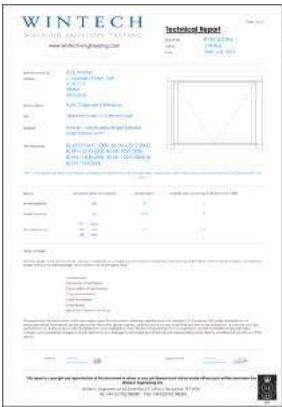


Schnauber Timber Window **Comparison Chart**

Specification		Tilt & Turn Double Glazed	Tilt & Turn Tripple Glazed	PASSIVE Europa	Flush Casement Double Glazed	Flush Casement Tripple Glazed
		Timber only and alu clad	Timber only and alu clad	Timber only and alu clad	Timber only and alu clad	Timber only and alu clad
		Tilt & Turn	Tilt & Turn	Tilt & Turn	Side Hung & Top Hung	Side Hung & Top Hung
Resistance to wind load	Class	C3	C3	C3	C5	C5
	Pa	1200	1200	1200	2000	2000
Wind resistance frame deflection	mm	<1/300	<1/300	<1/300	<1/300	<1/300
Water tightness	Class	9A	9A	9A	E900	E900
	Pa	600	600	600	900	900
Air tightness	Class	4	4	4	4	4
	Pa	600	600	600	600	600
U value	W/m²K	0.99 ¹	0.88 ²	0.79 ⁴	1.3 ⁶	0.79 ⁹
			0.77 ³	0.66 ⁵	1.2 ⁷	
					1.0 ⁸	
Load bearing capacity of safety devices	-	npd.	npd.	npd.	pass	pass
Acoustic performance	dB	32(-2;-5)	32(-2;-5)	32(-2;-5)	32(-2;-5)	32(-2;-5)
Enhanced security performance	BS7950	npd.	npd.	npd.	pass	pass

1 Tested for 1230x1480 unit with triple glazing, Ug=0.7 W/m²K;
2 Tested for 1230x1480 unit with triple glazing, Ug=0.7 W/m²K;
3 Tested for 1230x1480 unit with triple glazing, Ug=0.5 W/m²K;
4 Tested for 1230x1480 unit with triple glazing, Ug=0.7 W/m²K;
5 Tested for 1230x1480 unit with triple glazing, Ug=0.5 W/m²K;

6 Tested for 1230x1480 unit with double glazing, Ug=1.1 W/m²K;
7 Tested for 1230x1480 unit with double glazing, Ug=1.0 W/m²K;
8 Tested for 1230x1480 unit with triple glazing, Ug=0.8 W/m²K;
9 Tested for 1230x1480 unit with triple glazing, Ug=0.5 W/m²K;
npd = no performance determined



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BESPOKE

TIMBER WINDOWS

GUARANTEED TO LAST



CASEMENT WINDOWS

Flush **Casement**

CASEMENT WINDOWS

Our range of flush casement timber windows have been created with a range of innovative design features that combine traditional aesthetics with modern technology. The casement window is ideally suited for conservation projects making them one of the most popular timber windows in our range. Schnauber offers a wide range of finishes and ironmongery options. You can select your choice of opening styles including side hung, top hung and fully reversible to create a truly bespoke window. Schnauber timber windows use multi point locking espagnolette to achieve the highest level of security available on the market.

Flush Casement



Flush Casement Triple glazed



BM TRADA

TIMBER WINDOWS

Tilt & Turn

TIMBER WINDOWS

Wood is still the best material for windows due to its durability, natural warmth and aesthetics appeal. The Schnauber Europa range is our original and most popular tilt and turn window. It provides the best U values and unbeatable sound reduction. You can select from a range of profiles and beadings to suit any type of building. The Europa is the perfect choice for new build or refurbishment projects.

Tilt & Turn



Tilt & Turn Triple glazed



TILT & TURN WINDOW RANGE

- Wide choice of wood species: Pine (Redwood), Fir, Oak, Larch, Eucalyptus, Meranti, Mahogany and Accoya wood that matches or exceeds the durability, stability and beauty of the very best tropical hardwoods.
- SIEGENIA TITAN AF window hardware offers an extremely high level of functionality and security with a top-quality design.
- Use of laminated knot free wood to eliminate twisting and warping ensuring longevity of Schnauber products.
- Weather performance is ensured by 3 TPE (thermoplastic elastomer) weather seals to ensure 600 Pa (E1200) test pressure.
- Triple glazed units with two Low-E (low emissivity) panes and warm edge spacer bring the Ug value down to 0.5 W/m²K and saves 55% of the heat lost through the edge of the glass unit. We guarantee that this is the most efficient window available on the market.
- Up to 5 years finish guarantee, this is ensured by using environmentally friendly water based finishing materials, including impregnation, primer and two layers of microporous paint.
- Schnauber provides a diverse range of bespoke solutions including bays, semi-circles, triangular, fully arched, pointed arch, door and window combinations.



PASSIVE HOUSE WINDOWS

Passive Europa

PASSIVE HOUSE WINDOWS

Passive windows are a must for the Passive House which by definition achieves an ultra-low energy consumption (1.5 l oil or 1.5 m³ of gas per year to heat 1 m²). The Europa PASSIVE window achieves the highest standards for building energy-efficiency and meets German Passivhaus Certification. Schnauber use a highly advanced system of three distinct layers containing polyurethane and natural wood that results U values ranging from 0.79 W/m²K to 0.66 W/m²K using triple glazing. Schnauber is the only independent window company in Cambridge to offer Passive House Windows.

Passive Europa



Uw
0.79¹
W/m²K



Uw
0.66²
W/m²K



1 Tested for 1230x1480 unit with triple glazing, Ug=0.7 W/m²K;
2 Tested for 1230x1480 unit with triple glazing, Ug=0.5 W/m²K;

TIMBER / ALUMINUM COMPOSITE WINDOWS

Tilt & Turn / Flush casement

TIMBER / ALUMINIUM COMPOSITE WINDOWS

- The powder coated aluminium can be supplied in over 200 different RAL colour choices, this sustains and protects painted surfaces from ultraviolet, wind, rain and air pollution.
- Anodised and deep-matt powder coating and a stylish surface design make this window ideal for use in architectural and design applications.
- Wide choice of wood species: Pine(Red-wood), Fir, Oak, Larch, Eucalyptus, Meranti, Mahogany and Accoya wood that matches or exceeds the durability, stability and beauty of the very best tropical hardwoods.
- Use of laminated knot free wood to eliminate twisting and warping ensuring longevity of Schnauber products.
- SIEGENIA TITAN AF window hardware offers a high level of functionality and security with a top-quality design.
- Triple glazed units with two Low-E (low emissivity) panes and warm edge spacer bring the U value down to 0.5 W/m²K and saves 55 % of the heat lost through the edge of the glass unit. We guarantee that this is the most efficient window available on the market.
- 5 years finish guarantee, this is ensured using environmentally friendly water based finishing materials, including impregnation, primer and two layers of microporous paint.
- We provide a diverse range of bespoke solutions including bays, semi-circles, triangular, fully arched, pointed arch, door and window combinations.



TIMBER / ALUMINIUM COMPOSITE WINDOWS

Aluminium-clad timber windows and doors are our most advanced low maintenance windows. Aluminium-clad timber windows combine warmth, strength and the aesthetically pleasing features of timber on the inside, with low maintenance aluminium cladding on the exterior, protecting the timber frame from direct exposure to the weather. The cladding protects the timber frame in a wide range of breathable low maintenance micro porous paint colours.

Aluminium Clad Flush Casement



Uw
1.0
W/m²K

Aluminium Clad Tilt & Turn



Uw
0.99
W/m²K

SASH WINDOWS

SASH WINDOWS

- Warp and twist resistant timber used throughout.
- 5 years Schnauber paint finish guarantee.
- Use of water sealed finishes to guarantee only minimal maintenance work required every 5-10 years.
- Use of British ironmongery to keep heritage look.
- Available in engineered Redwood, Hardwood, Oak and Accoya.
- Internally beaded to prohibit removal of the glass from outside with the concealed glazing pins.
- Acoustic glazing can be used to achieve decibel ratings up to 45 dB.
- Anti-sun glass is ideal for large glazing areas as it reduces the amount of heat penetration from the sun.
- 24mm (4/16/4) double glazed units with Low-E coated energy saving glass & Argon gas as standard.
- Centre pane Ug as low as 1.1 W/m²K.
- Lockable Fitch catches, sash pulls and sash stops in a range of finishes – Satin Chrome, Polished Brass, Polished Chrome, Imitation Bronze and Antique Bronze.

SASH WINDOWS

The sash window was the most common style of window in England during the Victorian and Georgian period. Simple yet elegant it still retains its popularity today. Schnauber's bespoke sash windows utilise modern advances in materials, design technology and engineering to maximise performance and strength without compromising on aesthetics. We use long lasting timber that has been treated with non-toxic preservatives to extend longevity.

Sash windows



Standart double glazed window

SLIM LINE
CASEMENT WINDOWS

SLIM LINE
CASEMENT WINDOWS

- Warp and twist resistant timber used throughout
- 5 years paint guarantee.
- Use of water sealed finishes to guarantee only minimal maintenance work required every 5-10 years.
- Our slimline windows have been designed for the use of slimline glazing putty methods.
- Available in engineered Redwood, Hardwood, Oak and Accoya.
- Many glazing options are available such as Slim line double glazing and acoustic glass
- 12mm (4/4/4) double glazed units with Low-E coated energy saving glass and argon gas as standard
- Centre pane can achive Ug as low as 1.4 W/m²K wtih kryptn gas
- Complies with the Building Regulations Document L England for improved thermal insulation
- The slim double glazed units fit into most single glazed openings
- Diverse range of bespoke solutions available including bay windows, arch and swept heads with sashes.

SLIM LINE
CASEMENT WINDOWS

Our slim line casement windows have a thin timber frame design where each panel is glazed individually, which greatly enhances insulation. With a smaller cavity between the panes of glass the required glazing width rebates are reduced enabling slimmer sections to be used. Designed with 6 or 8 panels the window has a beautiful and traditional cottage style aesthetic. Although the design of the timber frame is thin our slim line casement windows maintain the same high level of security as other styles within the Schnauber range. Designed to satisfy planning requirements the slim line casement window is ideal for conservation projects.

Slim line casement windows

