

Wood windows and doors

The Fauser wood window system was designed in Germany to address the following concerns in the building industry:

1. Thermal Insulation: The goal was to have an affordable window system with an U-Value of less than 0.3. Our standard and double glazed windows have a value of 0.21 with values as low as 0.15 achievable.
2. Noise Insulation: By using different glazing laminates, we can offer noise control levels from 32 dB for standard glazing to 42 dB with A 3 glazing and 52 dB with our B 1 glazing.
3. Security: With a combination of steel-reinforced extrusions, multi-point locking mechanism and different laminated glazing, we can fabricate windows and doors to specific certified security levels, from burglar proof (A 3) to bullet resistant levels (C 3).

Wood window and door with arched top and muntin fields:



Standard dual pane glass: U value 0.21 Noise control value 32dB

A3 level security glass: U value 0.21 Noise control value 42dB

B1 level security glass: U value 0.21 Noise control value 52dB

Custom Made in Germany by Master Craftsman

Wood is Beautiful

Our Wood series windows and doors are available in Oak, Mahogany, Meranti, Fir, Teak and Pine. Our custom made wood windows and doors are the answer if you are searching for a true to style Old World Look in your home, or if you are trying to combine sleek mod-



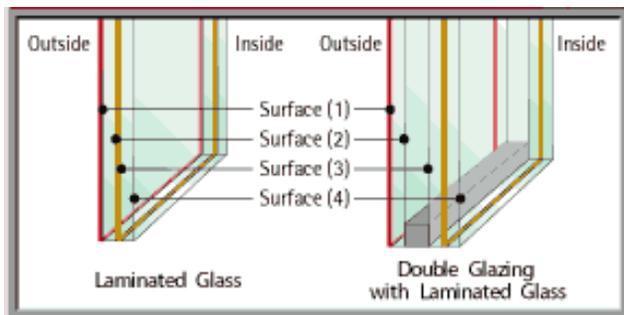
The natural grains and color hues of different wood species lend their unique characteristics to compliment any architectural design, being classic or modern. Our state-of-the-art machinery, combined with the knowledge of proven wood working master makes each window or door a piece of fine art.

Windows and doors are available in different security levels according to the following tables.

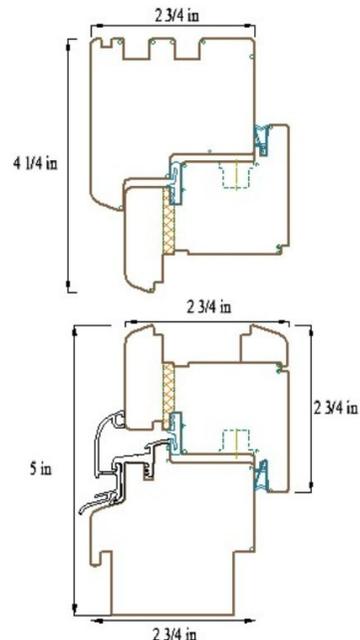
Contracrine Level A	Class of Resistance	Glazing Single Pane Insulated	CC Type	Thickness of glass inch/mm	Weight pounds per sq. yard
Single family residences, multi family dwellings in low risk areas	A 1	Single	A 1.15	0,34 / 8,5	38
		Insulated	A 1.25 WS	0,89 / 22,5	57
Secluded homes	A 2	Single	A 2,15	0,35 / 9	40
		Insulated	A 2,25 WS	0,91 / 23	59
Secluded homes in high risk areas Vacation and weekend homes	A 3	Single	A 3,15	0,37 / 9,5	42
		Insulated	A 3,25 WS	0,93 / 23,5	61
All high risk residences	DH 4	Single	DH 4,15	0,43 / 11	42
		Insulated	DH 4,25	0,97 / 24,5	61

Contracrine Level B	Class of Resistance	Glazing Single Pane Insulated	CC Type	Thickness of glass inch/mm	Weight pounds per sq. yard
Exclusive Homes, Parts of Shopping Malls, Photo and Video stores, Drug Stores	B 1	Single	B 1.14	0,71 / 18	79
		Insulated	B 1.23 WS	1,26 / 32	97
Museums, Art Galleries, Psychiatric Institutions, Abortion Clinics	B 2	Single	B 2,15	0,95 / 24	102
		Insulated	B 2,26 WS	1,5 / 38	121
Data Centers, Jewelers, Energy Plants, Prisons, Banks	B 3	Single	B 3,19	1,1 / 27	108
		Insulated	B 3,31 WS	1,62 / 41	126

Typical A3 Glass:

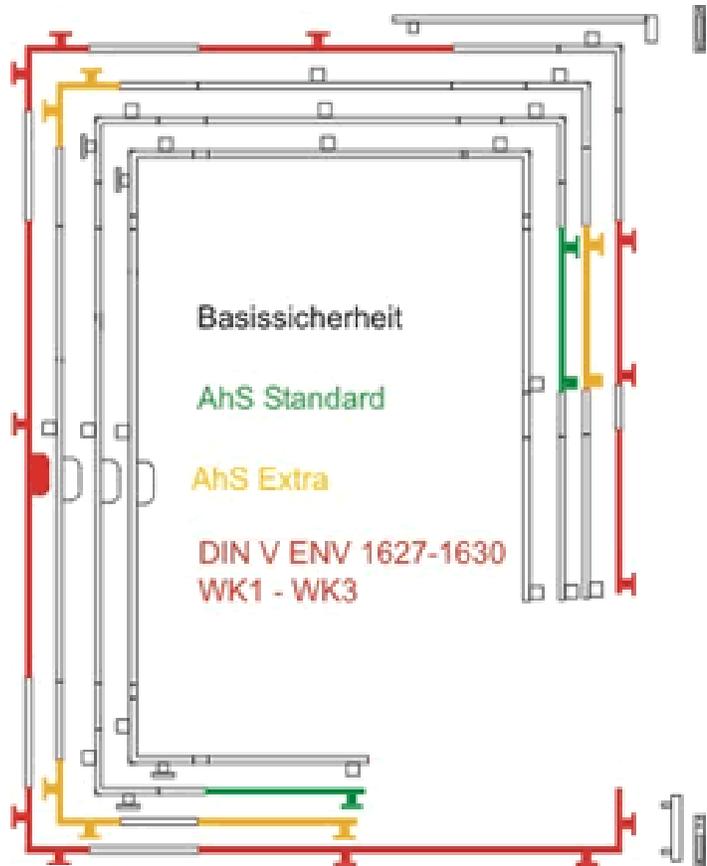
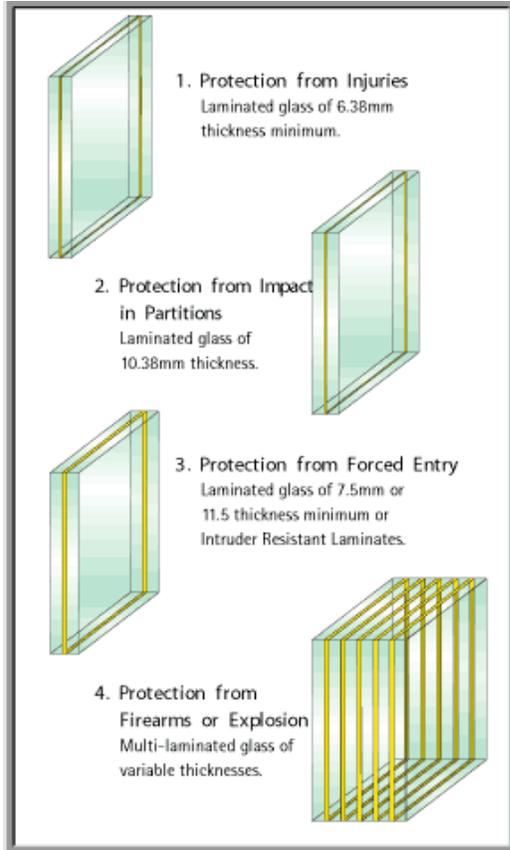


Frame dimensions wood tilt & turn window



Different lamination levels:

All of our security levels incorporate a minimum of 7 cam locks per opening (red)



Multi-point cam locking mechanism around the perimeter of the frame



The Fauser wood window and door system uses exclusively **Tilt & Turn** opening mechanism: a 90 degree turn of the handle opens the window like a casement, for easy egress/regress and also for easy cleaning. Another 90 degree turn of the handle will tilt the window inside on top. This allows for ventilation while still providing security and also keeping the rain out.

Closed position



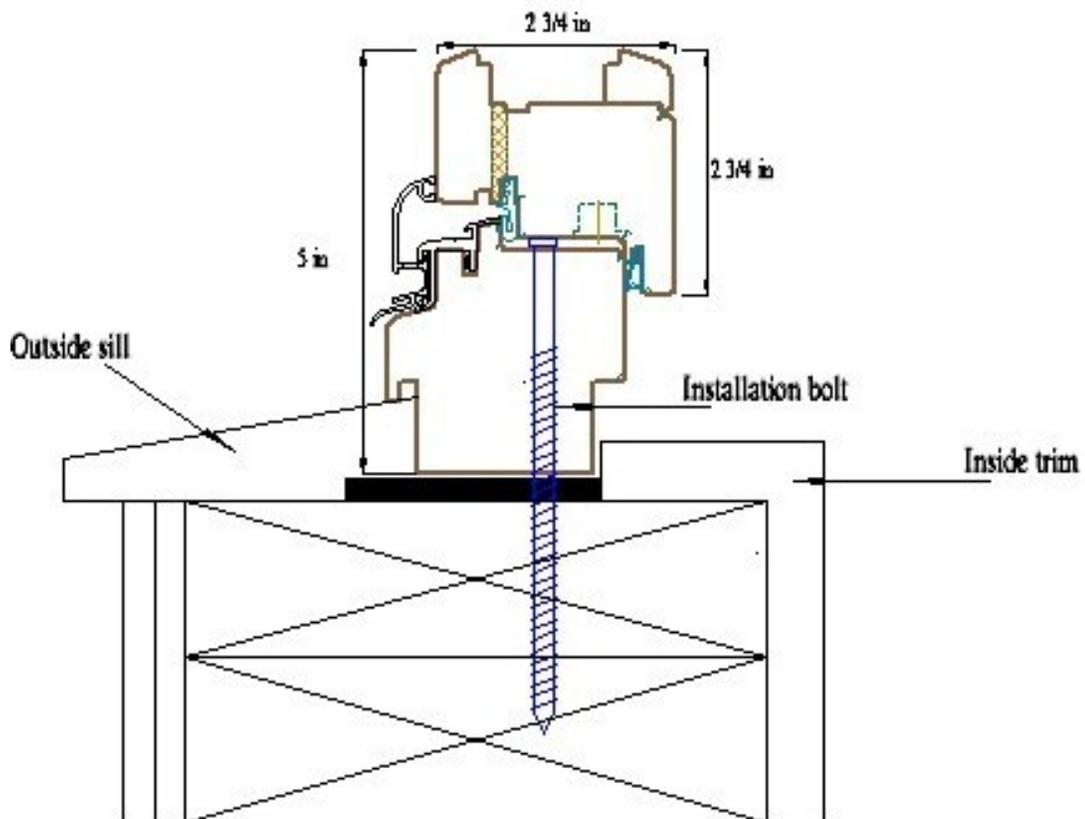
Open position

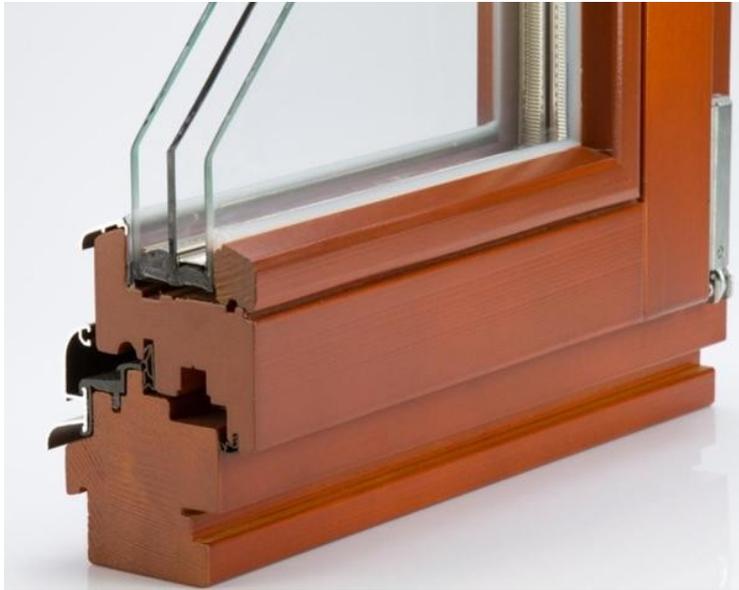


Tilt position for ventilation



Typical installation of a tilt & turn window into framing





Wood species available are spruce, pine, oak, douglas fir, and meranti. Other species available on request.

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