



OUR PRODUCT ADVANTAGES

Superior thermal performance U.,



	Width Left & Right	Width Above	Width Below	Width - French casement
Frame dimensions:	115 mm	115 mm	135 mm	136 mm
U _{frame}	1.2 W/m ² K	1.2 W/m ² K	1.5 W/m ² K	1.2 W/m ² K

THERMAL INSULATION*:

U _{glass}	Double	Triple	Triple
	1.1 W/m²K	0.7 W/m²K	0.5 W/m²K
U _{window} *	1.24 W/m ² K	0.97 W/m ² K	0.84 W/m ² K

*Specified values are calculated for tested window: Dual action, single opening window Window Size: 1.23 x 1.48 m · Norm: EN ISO 10077-2 - Wood species: spruce or larch Ψ Glass spacer = 0,032 W/mK

- High selected wood wood type: spruce (picea abies), oak, larch
- Excellent weathering resistance with highly weatherproof aluminium cladding qualicode 2
- Airtight continious gaskets

MORE PERFORMANCE **BEST EUROPEAN WINDOW**







- Thermal bridge free floor connection/wheel chair accessable flat threshold for patio doors
- All types of glass available: Sun protection Sound insulation Safety toughend or laminated glass • P5A security glass Possible glass thickness from 26 mm to 53 mm
- Triple glass: Ug = 0.5 or 0.7 W/m²K or double glazing Ug = 1.10 W/m²K Execution always with the best fiber spacer Psi ~ 0.03 W/mK
- Make your choice: Standard exposed or fully consealed window hinges
- Adjustable window hinges up to 130 kg, tested on 20.000 opening and closing cycles
- Optional: welded alu clad corners
- All products are CE-certified

ENERGATE® Standard

Serviceability	DIN EN 12210	
deflection	± 1800Pa, 2400 Pa and 3000 Pa	
Operating force of opening sashes	DIN EN12217 75N (tilt&turn sashes) and 100 N (sliding doors)	
Air infiltration	DIN EN12007 Class 4 0.13L/s=0.47m ³ /h@600Pa	
Water penetration	DIN EN12208 9A(600 Pa in both +/- directions) single opening window	
Ultimate strength	DIN EN 12210 C5 (1/300, 2000/1000/3000 Pa) single opening window	
Permanent function	DIN EN 1191 Class 3 up to 20.000 opening & closing cycles	

A WIDE CHOICE OF PRODUCT TYPES







8.001 Lift & slide door with flat threshold



Tilt position





Turn position

Turn position

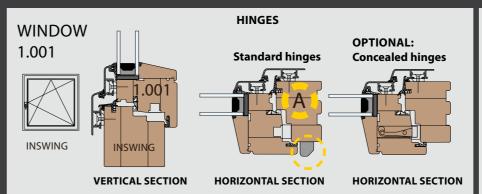


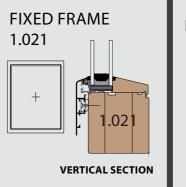
Opening position

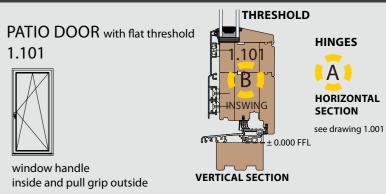


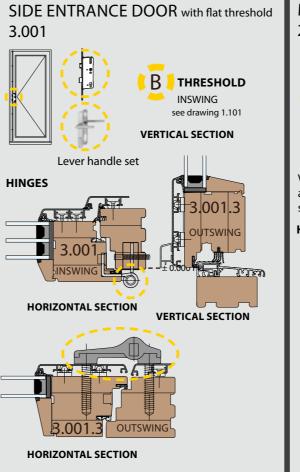
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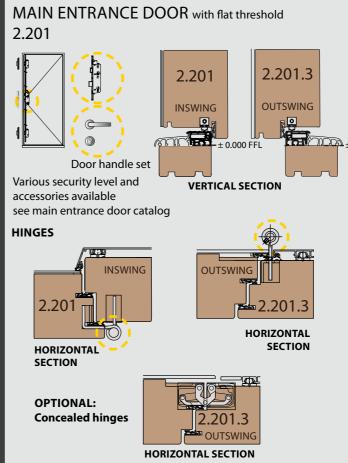
ENERGATE 963 - Wood with aluminium cladding

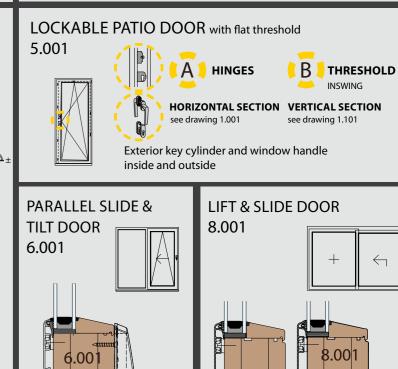




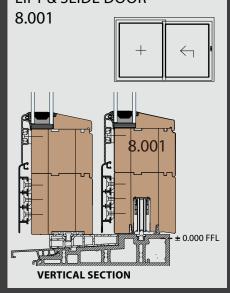






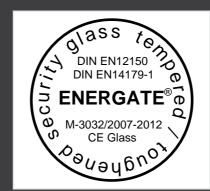


VERTICAL SECTION



Window & Door System also available as WOOD version without aluminium cladding

FULL CHOICE OF ACCESSORIES



Toughened safety glass



Product types catalog



Welded alu clad corners



Customized doors



Main entrance doors



Plugged alu clad corners



Child safety lock Hidden rotating lock



Various Alu- clade colors





Handle choice: Standard or customized



Great choice of fine selected wood



fully concealed hinges

"With ENERGATE windows you get the best value for a great price" Customer's review





Expo Haus in Waikato, NZ

- ENERGATE products available in a range of thermal performances to suit your requirements
- ENERGATE products are tested in extreme climatic conditions to ensure performance
- Installation assistance available on request
- We are specialist in product consulting tailored to your needs

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