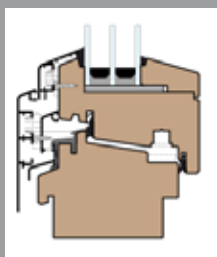


**Product type: 1.001**

**ENERGATE 1202 SYSTEM:**

**WOOD ALUMINIUM:**



**ENERGATE 1202**

**UNIQUE SPECIFICATIONS**





- Wood type: spruce (picea abies) high selected wood without nuts
- Airtight continuous gaskets
- Eco-friendly water-based 4-layer lackering out of ENERGATE color book or any RAL color
- 3-dimensional adjustable window hinges up to 130 kg tested on 20.000 opening and closing cycles
- Thermal bridge free floor connection/flat wheel chair accessible threshold for patio doors
- Optional: high weather proof aluminum clad coating (qualicode 2) RAL color
- Optional: weldet alu cladde corners
- Optional: fully consealed window hinges
- Optional: magnet contacts for close/open controll

| THERMAL INSULATION: |                |                               |
|---------------------|----------------|-------------------------------|
|                     | <b>SYSTEM</b>  | <b>1202</b><br>WOOD ALUMINIUM |
| FRAME               | $U_f - W/m^2K$ | 0,98*                         |
| GLASS               | $U_g - W/m^2K$ | 0,5*                          |
| WINDOW              | $U_w - W/m^2K$ | 0,74*                         |

System1202 is passive house suitable

\* Specified values are calculated for tested window: Dual action, single opening window made of softwood: spruce (picea abies) or larch  
Glass spacer: ENERGATE Fiber glass  $\Psi$ -value 0,032 W/mK · Window Size: 1,23 x 1,48 m · Norm: EN ISO 10077- 1:2000-11

Thermal insulation depends on the model selection of the customers

|   |   |  |
|---|---|--|
|  | <b>Water tightness:</b><br>DIN EN 12208                         | E900 (Sytem 1202[+] & 1042[+])<br>single opening window up to size 1,2 x 1,8 m |
|  | <b>Wind load resistance:</b><br>DIN EN 12210                    | C5 (1/300, 2000/1000/3000 Pa)<br>single opening window                         |
|  | <b>Air permeability:</b><br>DIN EN12207                         | Class 4 (>0,1m³/hm@600Pa)<br>single opening window                             |
|  | <b>Sound insulation</b><br>DIN EN 4109                          | $R_w(C,C_{tr}) = 41 (-2;-4)dB$   |
|   | <b>Impact resistance</b><br>DIN EN13049                         | Class 4 (Sytem 1202[+] & 1042[+])<br>single opening window                     |
|   | <b>Duration Function</b><br>(20.000 locking cycles) DIN EN 1191 | Class 3 DIN EN 12400   |
|   | <b>Burglar resistance (optional)</b>                            | WK 2 (9 locking points against standard 2)                                     |
| Tested by laboratory accredited according to ISO17025                               |   |  |