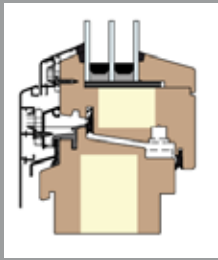


Product type: 1.001

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: | | |
|---------------------|----------------|-------------------------|
| | SYSTEM | 1202+ WOOD ALUMINIUM |
| FRAME | $U_f - W/m^2K$ | 0,64* |
| GLASS | $U_g - W/m^2K$ | 0,5* |
| WINDOW | $U_w - W/m^2K$ | 0,63* |

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 Ψ -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

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