

This is an in-progress Environmental Product Declaration (EPD) by VETTA Building Technologies Inc. for wood-aluminum window and door systems. Once all information is gathered, the EPD will be sent to verification by a third-party service.

All numbers are based on a 1000mm x 1000mm **Elite E92** window with a weight of 35.7 kg. The IGU is triple-glazed with a U_g -Value of **0.52 W/m²K**. The frame is PEFC pine with aluminum cladding. The U_w -Value is **0.72 W/m²K**.

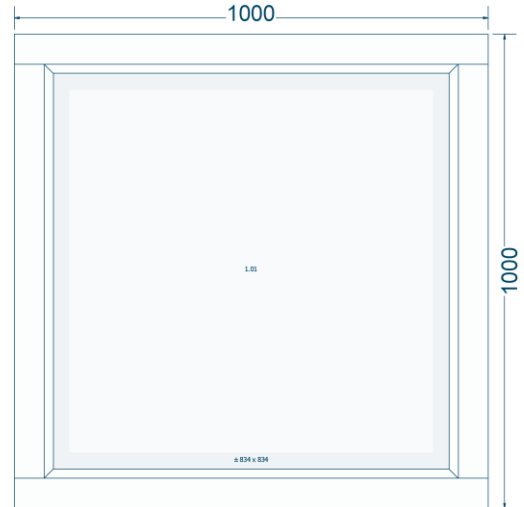


Figure 1: Test Elite E92 Window

RESULTS PER 1M² OF WOOD-ALUMINUM TILT & TURN WINDOW – TRIPLE GLAZED

Indicator	Unit	A1-A3	A4	C1-C4	D
GWP-fossil	kgCO ² eq	64.42			
GWP-biogenic	kgCO ² eq	-28.87			
GWP-total	kgCO ² eq	35.55	14.63*		

*Transportation from Factory in Sokolka, Poland to Montreal, Canada

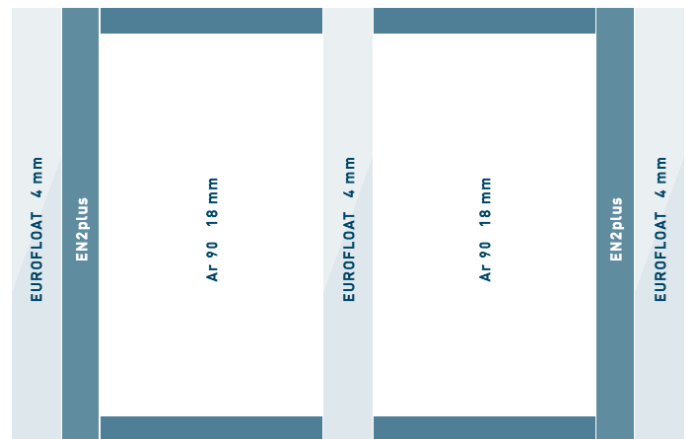
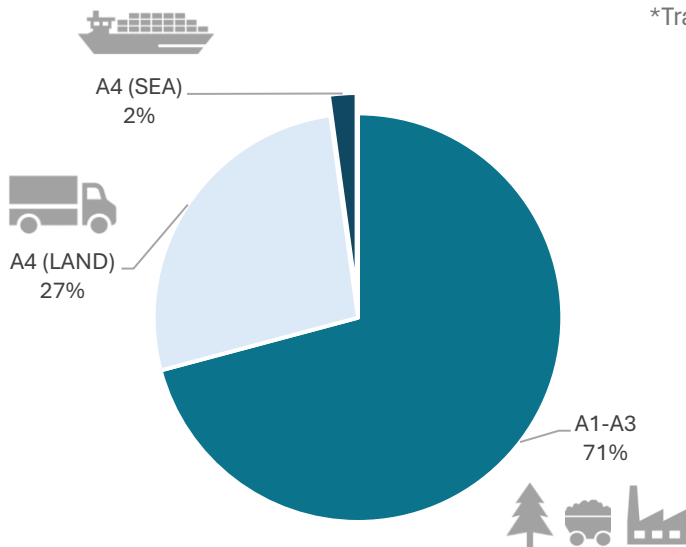


Figure 2: Total Embodied Carbon Distribution

Figure 3: Test IGU Configuration

References:

Pressglass: M-EPD-FEV-GB-002018

Aluron Aluminum: ITB No. 525/2023

Arge Fittings: EPD-ARG-20160194-IBG1-EN

Stora Enso CLT: EPD-IES-0009949:003