

Passive House Verification

Photo or Drawing		Building: Krysinski House	
		Street: 417 East 17th Ave.	
		Postcode/City: V5V 1B2	Vancouver
		Province/Country: BC	CA-Canada
		Building type: Detached House	
		Climate data set: CA0003d-Vancouver	
		Climate zone: 3: Cool-temperate	Altitude of location: 45 m
Architecture: One SEED Architecture + Interiors		Home owner / Client: Jark Krysinski	
Street: 611-525 Seymour Street		Street:	
Postcode/City: Vancouver		Postcode/City:	
Province/Country: British Columbia		Province/Country:	
Energy consultancy:		Mechanical engineer:	
Street:		Street:	
Postcode/City:		Postcode/City:	
Province/Country:		Province/Country:	
Year of construction: 2019		Interior temperature winter [°C]: 20,0	Interior temp. summer [°C]: 25,0
No. of dwelling units: 2		Internal heat gains (IHG) heating case [W/m²]: 2,7	IHG cooling case [W/m²]: 2,7
No. of occupants: 4,1		Specific capacity [Wh/K per m² TFA]: 60	Mechanical cooling:

Specific building characteristics with reference to the treated floor area				The PHPP has not been filled completely; it is not valid as verification		
	Criteria	Value	Comparison	Alternative criteria		Fulfilled? ²
				Criteria	Alternative criteria	
Space heating	Treated floor area m²	162,4				
	Heating demand kWh/(m²a)	14	≤	15	-	yes
	Heating load W/m²	11	≤	-	10	yes
Space cooling	Cooling & dehum. demand kWh/(m²a)	-	≤	-	-	-
	Cooling load W/m²	-	≤	-	-	-
	Frequency of overheating (> 25 °C) %	4	≤	10		yes
	Frequency of excessively high humidity (> 12 g/kg) %	0	≤	20		yes
Airtightness	Pressurization test result n ₅₀ 1/h	0,6	≤	0,6		yes
Non-renewable Primary Energy (PE)	PE demand kWh/(m²a)	102	≤	-		-
Primary Energy Renewable (PER)	PER demand kWh/(m²a)	49	≤	60	60	yes
	Generation of renewable energy (in relation to projected kWh/(m²a) building footprint area)	0	≥	-	-	

² Empty field: Data missing; '-': No requirement

I confirm that the values given herein have been determined following the PHPP methodology and based on the characteristic values of the building. The PHPP calculations are attached to this verification.

Task: _____ First name: _____ Surname: _____ **Passive House Classic?** **yes** Signature: _____

Issued on: _____ City: _____