

Certificate

Certified Passive House Plus



Passivhusbyrån Ingo Theoboldt
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Authorised
by:



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Client	Kooperativa hyresrättsföreningen Stacken Teleskopgatan 2, Bergsjön 41518 Göteborg, Sweden
Architect	Helhetshus Arkitektstudio Surbrunnsgatan 6 41119 Göteborg, Sweden

Passive House buildings offer excellent thermal comfort and very good air quality all year round. Due to their high energy efficiency, energy costs as well as greenhouse gas emissions are extremely low.

The design of the above-mentioned building meets the criteria defined by the Passive House Institute for the 'Passive House Plus' standard:

Building quality		This building	Criteria	Alternative criteria
Heating	Heating demand [kWh/(m ² a)]	10	≤ 15	-
	Heating load [W/m ²]	8	≤ -	10
Cooling	Frequency of overheating (> 25 °C) [%]	0	≤ 10	
Airtightness	Pressurization test result (n ₅₀) [1/h]	0.2	≤ 0.6	
Renewable primary energy (PER)	PER-demand [kWh/(m ² a)]	60	≤ 45	60
	Generation (reference to ground area) [kWh/(m ² a)]	168	≥ 60	164

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Certifier: Ingo Theoboldt, Passivhusbyrån Ingo Theoboldt