

Certificate

Certified Passive House Classic

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Authorised
by:



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Humlan Hummelvägen 10, 120 60 Årsta, Sweden



Client	SISAB Palmfeltsvägen 5 121 62 Johanneshov, Sweden
Architect	Aperto Arkitekter Rosenlundsgatan 40 118 53 Stockholm, Sweden
Building Services	Stockholms VVS-Kompetens AB Mejerivägen 4 117 43 Stockholm, Sweden
Energy Consultant	IG Passivhus Sverige AB Honnörsgatan 16 352 36 Växjö, 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 Classic' standard:

Building quality	This building	Criteria	Alternative criteria
Heating			
Heating demand [kWh/(m ² a)]	12 ≤	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)]	56 ≤	60	60
Generation (reference to ground area) [kWh/(m ² a)]	0 ≥	-	-

The associated certification booklet contains more characteristic values for this building.

Samerberg-Törwang, 20. March 2019

Certifier: Harald Krause, B.Tec Prof. Dr. Harald Krause