

Certificate

Certified Passive House Classic

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Authorised
by:



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Client	Kommunfastigheter i Laholm AB Trulstorp 103 312 96 Laholm, Sweden
Architect	PE Arkitektur AB Adolfs Torg 10A 211 39 Malmö, Sweden
Building Services	NILA VVS-konsulter AB Snällsböke 2074 287 93 Strömsnäsbruk, 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]	7 ≤	-	10
Cooling			
Frequency of overheating (> 25 °C) [%]	0 ≤	10	
Airtightness			
Pressurization test result (n ₅₀) [1/h]	0,1 ≤	0,6	
Renewable primary energy (PER)			
PER-demand [kWh/(m ² a)]	59 ≤	60	-
Generation (reference to ground area) [kWh/(m ² a)]	- ≥	-	-

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

Samerberg-Törwang, 23. July 2019

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