

Certificate

Certified Passive House Classic

B.Tec Prof. Dr. Harald Krause Authorised
by:
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Client	Vectura Fastigheter Arsenalsgatan 8B 103 32 Stockholm, Sweden
Architect	SMA Åsögatan 186 116 32 Stockholm, Sweden
Building Contractor	Friendly Building Åsögatan 186 104 32 Stockholm, Sweden
Energy Cons. & Building Services	Exengo Installationskonsult Rehngatan 18 104 32 Stockholm, 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)]	15 ≤	15	-
Heating load [W/m ²]	12 ≤	-	10
Cooling			
Frequency of overheating (> 25 °C) [%]	1 ≤	10	
Airtightness			
Pressurization test result (n ₅₀) [1/h]	0,6 ≤	0,6	
Renewable primary energy (PER)			
PER-demand [kWh/(m ² a)]	65 ≤	60	65
Generation (reference to ground area) [kWh/(m ² a)]	34 ≥	-	12

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

Samerberg-Törwang, 20. March 2020

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