

Certificate

Certified Passive House Plus



539 SE 59th Court, Portland, OR 97215

Authorised
by:



Dr. Wolfgang Feist
64283 Darmstadt
Germany

Passive House Los Angeles (PHLA+) Address Redacted, Los Angeles, CA Zip redacted, USA



Client	Name redacted Address Redacted Los Angeles, CA Zip redacted, USA
Architect	PARAVANT Architects 10866 Washington Blvd. #110 Culver City, CA 90232, USA
Building Services	PARAVANT Architects, CPHC Wallis, & manufact'r's reps 10866 Washington Blvd. #110 Culver City, CA 90232, USA
Energy Consultant	Sylvia Wallis Address Redacted Los Angeles, CA Zip redacted, USA

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)]	1	≤	15	-
	Heating load	[W/m ²]	4	≤	-	10
Cooling	Cooling + dehumidification demand	[kWh/(m ² a)]	6	≤	16	16
	Cooling load	[W/m ²]	10	≤	-	10
	Frequency of excessively high humidity	[%]	8	≤	10	
Airtightness	Pressurization test result	(n ₅₀) [1/h]	0.5	≤	0.6	
Renewable primary energy (PER)	PER-demand	[kWh/(m ² a)]	32	≤	45	32
	Generation (reference to ground area)	[kWh/(m ² a)]	74	≥	60	38

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

Jan. 6th, 2020

Certifier: Christina Snyder, Christina Snyder of CertiPHiers Cooperative