



Glänningeskolan och -hallen oktober 2017 – maj 2019



urudveien 3, N-2020 Skedsmokorset Tlf. 70177000 www.sundolitt.no  
 No / Varenr      Product name / Varenavn  
 0085      **XPS300BE**  
 Thermal resistance / Varmemotst Re      Thermal Conductivity / Varmekonduktivitet  
 2.55      m2 K/W      0.039  
 Thickness / Tykkelse mm      Format mm  
**100**      **600x2400**  
 Intended use is insulation, load-bearing and frost heavy protection of buildings and plants /  
 Anvendelsesområdet er isolering, lastbæring og telesikring av bygg og anlegg  
 Declaration of Performance No / Ytelseserklæring nr:







WWW.PASSIVHUSKONFERENSEN.SE



























# Certificate

Certified Passive House Classic

**B.Tec Prof. Dr. Harald Krause** Authorised  
Sonnenfeld 9  
DE-83122 Samerberg  
www.btec-rosenheim.de

by:



Dr. Wolfgang Feist  
64283 Darmstadt  
Germany



Dr. Harald Krause

## Glänningeskolan Glänningeleden 7, 312 32 Laholm, Sweden



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
<b>Heating</b>	Heating demand [kWh/(m <sup>2</sup> a)]	8 ≤ 15	-
	Heating load [W/m <sup>2</sup> ]	6 ≤ -	10
<b>Cooling</b>	Frequency of overheating (> 25 °C) [%]	0 ≤ 10	-
<b>Airtightness</b>	Pressurization test result (n <sub>50</sub> ) [1/h]	0,1 ≤ 0,6	-
<b>Renewable primary energy (PER)</b>	PER-demand [kWh/(m <sup>2</sup> a)]	55 ≤ 60	-
	Generation (reference to ground area) [kWh/(m <sup>2</sup> a)]	- ≥ -	-

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

**Samerberg-Törwang, 19. August 2019**

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



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Germany



Dr. Harald Krause

## Glänningehallen Hellbakken 3, 312 32 Laholm, Sweden



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
<b>Heating</b>	Heating demand [kWh/(m <sup>2</sup> a)]	12 ≤ 15	-
	Heating load [W/m <sup>2</sup> ]	7 ≤ -	10
<b>Cooling</b>	Frequency of overheating (> 25 °C) [%]	0 ≤ 10	-
<b>Airtightness</b>	Pressurization test result (n <sub>50</sub> ) [1/h]	0,1 ≤ 0,6	-
<b>Renewable primary energy (PER)</b>	PER-demand [kWh/(m <sup>2</sup> a)]	59 ≤ 60	-
	Generation (reference to ground area) [kWh/(m <sup>2</sup> 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