

Room data

Sample building in city XY

Here each room can be systematically named and its floor area determined.

Legend:
 Input
 Result
 XX value to transfer to PHPP

Floor		
basement		64.2
1st floor		64.4
2nd floor		63.8
		0.0
		0.0
		0.0
Total		192.4

Treated Floor Area (TFA)

Living areas w/ aux. rooms + circ.	1	128.2
Circ. areas outside the dwelling	0.6	12.6
Tech. rooms outside the dwelling	0.6	25.1
		0.0
Stairs/elevator	0	0.0
Shaft/void	0	0.0
Balcony/terrace	0	0.0
Total		165.9

Room	Floor	Quant.	Width * [m]	Length * [m]	Add. Area + [m²]	Area subtraction - [m²]	Gross area per room = [m²]	Selection via drop-down menu	Height factor (if needed)	Factor TFA	TFA m²
Storage room 1	basement	1	2.5	3			7.5	Circ. areas outside the dwelling		0.6	4.5
Storage room 2	basement	1	2.5	3			7.5	Circ. areas outside the dwelling		0.6	4.5
Technic room 1	basement	1	4.5	5.3			23.85	Tech. rooms outside the dwelling		0.6	14.3
Technic room 2	basement	1	4.5	4			18	Tech. rooms outside the dwelling		0.6	10.8
Corridor	basement	1	1.5	4			6	Circ. areas outside the dwelling		0.6	3.6
Stairs	basement	1	0.9	1.5			1.35	Stairs/elevator		0	0.0
							0				-
Living room	1st floor	1	4.5	3.2			14.4	Living areas w/ aux. rooms + circ.		1	14.4
Kitchen	1st floor	1	3.2	3.2			10.24	Living areas w/ aux. rooms + circ.		1	10.2
Dining	1st floor	1	5.5	4			22	Living areas w/ aux. rooms + circ.		1	22.0
Bathroom	1st floor	1	3.4	3.1			10.54	Living areas w/ aux. rooms + circ.		1	10.5
Storage room	1st floor	1	2	1.9			3.8	Living areas w/ aux. rooms + circ.		1	3.8
Stairs	1st floor	1	0.9	1.9			1.71	Living areas w/ aux. rooms + circ.		1	1.7
							0				-
Master bedroom	2nd floor	1	5	5.2			26	Living areas w/ aux. rooms + circ.		1	26.0
Bedroom 1	2nd floor	1	4	3.2			12.8	Living areas w/ aux. rooms + circ.		1	12.8
Bedroom 2	2nd floor	1	4	3.2			12.8	Living areas w/ aux. rooms + circ.		1	12.8
Bathroom	2nd floor	1	3.1	3.2			9.92	Living areas w/ aux. rooms + circ.		1	9.9
Corridor	2nd floor	1	1.2	1.9			2.28	Living areas w/ aux. rooms + circ.		1	2.3
Stairs	1st floor	1	0.9	1.9			1.71	Living areas w/ aux. rooms + circ.		1	1.7
							0				-
							0				-
							0				-
							0				-

Volume for pressurization test

Sample building in city XY

[Tips for calculation](#)

Floor	0.0
basement	147.7
1st floor	170.4
2nd floor	159.5
-	0.0
-	0.0
-	0.0
Total	477.6

Room name	Floor	Factor for Vn50	Room height m ²	Vn50 (Volume for press. test) m ³	Comments
basement - Storage room 1	basement	1	2.3	17.3	
basement - Storage room 2	basement	1	2.3	17.3	
basement - Technic room 1	basement	1	2.3	54.9	
basement - Technic room 2	basement	1	2.3	41.4	
basement - Corridor	basement	1	2.3	13.8	
basement - Stairs	basement	1	2.3	3.1	
-	0			0.0	
1st floor - Living room	1st floor	1	2.65	38.2	
1st floor - Kitchen	1st floor	1	2.65	27.1	
1st floor - Dining	1st floor	1	2.65	58.3	
1st floor - Bathroom	1st floor	1	2.65	27.9	
1st floor - Storage room	1st floor	1	2.65	10.1	
1st floor - Stairs	1st floor	1	2.65	4.5	
-	0			0.0	
2nd floor - Master bedroom	2nd floor	1	2.5	65.0	
2nd floor - Bedroom 1	2nd floor	1	2.5	32.0	
2nd floor - Bedroom 2	2nd floor	1	2.5	32.0	
2nd floor - Bathroom	2nd floor	1	2.5	24.8	
2nd floor - Corridor	2nd floor	1	2.5	5.7	
1st floor - Stairs	1st floor	1	2.5	4.3	
-	0			0.0	
-	0			0.0	
-	0			0.0	
-	0			0.0	

Sample documents for building certification © Passive House Institute 2023

Find out more at: www.passipedia.org/certification/certified_passive_houses/example_documents