

EnerPHit planning:

REDUCTION FACTOR SOLAR RADIATION, WINDOW U-VALUE

Building:Primary School 8 "Sveti Sveti Kiril I Metodi" - Section B

Annual heating demand:18kW/h(m²a)

Heating degree hours:76,7

Climate:User data - Велико Търнов

Window area orientation	Global radiation (cardinal points)	Shading	Dirt	Non-perpendicular incident radiation	Glazing fraction	g-Value	Solar radiation reduction factor	Window area	Window U-Value	Glazing area	Average global radiation
maximum:	kWh/(m²a)	0,75	0,95	0,85				m²	W/(m²K)	m²	kWh/(m²a)
North	127	0,81	0,95	0,85	0,586	0,51	0,38	258,55	0,97	151,54	127
East	251	0,60	0,95	0,85	0,489	0,51	0,24	286,55	0,98	140,16	251
South	444	0,68	0,95	0,85	0,507	0,51	0,28	348,24	0,97	176,40	444
West	253	0,51	0,95	0,85	0,490	0,51	0,20	354,44	0,98	173,79	281
Horizontal	417	1,00	0,95	0,85	0,000	0,00	0,00	0,00	0,00	0,00	417

Total or Average Value for All Windows.

76,7

Transmission losses

Heat gains solar radiation

kWh/a

19217

6435

21456

8646

25867

21971

26537

10294

0

0

93078

47346

Go to glazing list

Go to window frames list

Quant ity	Description	Deviation from North	Angle of inclination from the horizontal	Orientation	Window rough openings		installed in	Glazing	Frame	g-Value	U-Value		Ψ Glazing edge	Installation situation					Results					
					Width	Height					Glazing	Frames (centre)		user-defined value for Ψ _{installed} OR "1": Ψ _{installed} from worksheet 'Components' "0": in the case of abutting windows					U- and Ψ-values from 'Components' worksheet can be shown through clicking the '+' sign on the top edge of the sheet.					
		Degrees	Degrees		m	m		Sort: AS LIST	Sort: AS LIST	-	W/(m²K)	W/(m²K)	W/(mK)	left	right	bottom	above	Ψ _{installation} (Average)	Window Area	Glazing Area	U-Value Window	Glazed fraction per window	Trans- mission- losses	Solar gains
1	S2/Type 1	180	90	South	0,800	0,900	11-Section 2 socle - South	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	0	1	1	0,040	0,7	0,33	1,03	45%	57	38	
1	S2/Type 1	180	90	South	1,000	0,900	11-Section 2 socle - South	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	0	1	1	1	0,040	0,9	0,45	1,01	50%	70	54	
1	S2/Type 2 level	260	90	West	0,800	1,000	1-Section 2 West facade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	0	1	1	0,040	0,8	0,38	1,02	48%	62	32	
1	S2/Type 2 level	260	90	West	0,850	1,000	1-Section 2 West facade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	0	1	1	1	0,040	0,9	0,42	1,01	49%	66	35	
1	S2/Type 2 level	260	90	West	0,800	1,000	1-Section 2 West facade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	0	1	1	0,040	0,8	0,38	1,02	48%	62	32	
1	S2/Type 2 level	260	90	West	0,850	1,000	1-Section 2 West facade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	0	1	1	1	0,040	0,9	0,42	1,01	49%	66	35	
1	S2/Type 2 level	260	90	West	0,800	1,000	1-Section 2 West facade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	0	1	1	0,040	0,8	0,38	1,02	48%	62	32	
1	S2/Type 2 level	260	90	West	0,850	1,000	1-Section 2 West facade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	0	1	1	1	0,040	0,9	0,42	1,01	49%	66	35	
1	S2/Type 3 level	260	90	West	0,600	1,150	8-Section 2 socle - West	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	1	1	1	0,040	0,7	0,29	1,10	42%	58	23	
12	S2/Type 4	180	90	South	0,800	1,450	11-Section 2 socle - South	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	0	1	1	0,040	13,9	7,48	0,99	54%	1055	1000	
12	S2/Type 4	180	90	South	1,350	1,450	11-Section 2 socle - South	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	0	1	1	1	0,040	23,5	15,12	0,95	64%	1711	2145	
8	S2/Type 4	0	90	North	0,800	1,450	9-Section 2 socle - North	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	0	1	1	0,040	9,3	4,98	0,99	54%	703	207	
8	S2/Type 4	0	90	North	1,350	1,450	9-Section 2 socle - North	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	0	1	1	1	0,040	15,7	10,08	0,95	64%	1141	448	
4	S2/Type 5	0	90	North	0,700	1,450	9-Section 2 socle - North	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	0	1	1	0,040	4,1	2,03	1,00	50%	312	82	
4	S2/Type 5	0	90	North	0,700	1,450	9-Section 2 socle - North	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	0	1	1	1	0,040	4,1	2,03	1,00	50%	312	82	
1	S2/Type 6	0	90	North	0,800	1,450	9-Section 2 socle - North	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	0	1	1	0,040	1,2	0,62	0,99	54%	88	26	
1	S2/Type 6	0	90	North	1,300	1,450	9-Section 2 socle - North	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	0	1	1	1	0,040	1,9	1,20	0,95	64%	138	53	
15	S2/Type 7 level	0	90	North	0,800	1,500	2-Section 2 North facade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	0	1	1	0,040	18,0	9,75	0,99	54%	1361	406	
15	S2/Type 7 level	0	90	North	1,350	1,500	2-Section 2 North facade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	0	1	1	1	0,040	30,4	19,71	0,95	65%	2207	878	
15	S2/Type 7 level	0	90	North	0,800	1,500	2-Section 2 North facade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	0	1	1	0,040	18,0	9,75	0,99	54%	1361	406	
15	S2/Type 7 level	0	90	North	1,350	1,500	2-Section 2 North facade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	0	1	1	1	0,040	30,4	19,71	0,95	65%	2207	878	
15	S2/Type 7 level	0	90	North	0,800	1,500	2-Section 2 North facade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	0	1	1	0,040	18,0	9,75	0,99	54%	1361	406	
15	S2/Type 7 level	0	90	North	1,350	1,500	2-Section 2 North facade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	0	1	1	1	0,040	30,4	19,71	0,95	65%	2207	878	
10	S2/Type 8 Level	180	90	South	1,175	0,400	4-Section 2 South facade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	0	0	1	0,040	4,7	0,99	1,06	21%	381	66	
10	S2/Type 8 Level	180	90	South	1,175	0,400	4-Section 2 South facade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	0	1	0	1	0,040	4,7	0,99	1,06	21%	381	66	
10	S2/Type 8 Level	180	90	South	0,800	1,600	4-Section 2 South facade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	0	1	0	0,040	12,8	7,04	0,96	55%	939	959	
10	S2/Type 8 Level	180	90	South	0,750	1,600	4-Section 2 South facade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	0	0	1	0	0,040	12,0	6,38	0,91	53%	837	861	
10	S2/Type 8 Level	180	90	South	0,800	1,600	4-Section 2 South facade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	0	1	1	0	0,040	12,8	7,04	0,96	55%	939	959	
10	S2/Type 8 Level	180	90	South	1,175	0,400	4-Section 2 South facade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	0	0	1	0,040	4,7	0,99	1,06	21%	381	66	
10	S2/Type 8 Level	180	90	South	1,175	0,400	4-Section 2 South facade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	0	1	0	1	0,040	4,7	0,99	1,06	21%	381	66	
10	S2/Type 8 Level	180	90	South	0,800	1,600	4-Section 2 South facade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	0	1	0	0,040	12,8	7,04	0,96	55%	939	959	
10	S2/Type 8 Level	180	90	South	0,750	1,600	4-Section 2 South facade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	0	0	1	0	0,040	12,0	6,38	0,91	53%	837	861	
10	S2/Type 8 Level	180	90	South	0,800	1,600	4-Section 2 South facade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	0	1	0	0,040	12,8	7,04	0,96	55%	939	959	
1	S2/Type 8 Level	180	90	South	1,175	0,400	5-Section 2 South facade 2	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	0	0	1	0,040	0,5	0,10	1,06	21%	38	7	
1	S2/Type 8 Level	180	90	South	1,175	0,400	5-Section 2 South facade 2	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	0	1	0	1	0,040	0,5	0,10	1,06	21%	38	7	
1	S2/Type 8 Level	180	90	South	0,800	1,600	5-Section 2 South facade 2	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENEO PHZ - w	0,51	0,80	0,79	0,030	1	0	1	0	0,040	1,3	0,70	0,96	55%	94	96	

					Window rough openings		installed in	Glazing	Frame	g-Value	U-Value		Ψ Glazing edge	Installation situation user-defined value for 'Ψ _{transluc} ' or '1': 'Ψ _{transluc} ' from worksheet 'Components' '0': in the case of abutting windows				Results U- and 'Ψ'-values from 'Components' worksheet can be shown through clicking the '+' sign on the top edge of the sheet.						
Quant ity	Description	Deviation from North	Angle of inclination from the horizontal	Orientation	Width	Height	Selection from worksheet 'Areas'	Selection from worksheet 'Components'	Selection from worksheet 'Components'	Perpen- dicular Radiation	Glazing	Frames (centre)	Ψ _{space} (centre)	left	right	bottom	above	Ψ _{installation} (Average)	Window Area	Glazing Area	U-Value Window	Glazed fraction per window	Trans- mission- losses	Solar gains
		Degrees	Degrees		m	m		Sort: AS LIST	Sort: AS LIST	-	W/(m ² K)	W/(m ² K)	W/(mK)					W/(mK)	m ²	m ²	W/(m ² K)	%	kWh/a	kWh/a
2	S2/Type 8 Level	0	90	North	0,800	1,600	2-Section 2 North fasade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	0	1	1	0	0,040	2,6	1,41	0,96	55%	188	59	
2	S2/Type 8 Level	0	90	North	1,175	0,400	2-Section 2 North fasade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	1	0	0	1	0,040	0,9	0,20	1,06	21%	76	6	
2	S2/Type 8 Level	0	90	North	1,175	0,400	2-Section 2 North fasade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	0	1	0	1	0,040	0,9	0,20	1,06	21%	76	6	
2	S2/Type 8 Level	0	90	North	0,800	1,600	2-Section 2 North fasade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	1	0	1	0	0,040	2,6	1,41	0,96	55%	188	59	
2	S2/Type 8 Level	0	90	North	0,750	1,600	2-Section 2 North fasade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	0	0	1	0	0,040	2,4	1,28	0,91	53%	167	53	
2	S2/Type 8 Level	0	90	North	0,800	1,600	2-Section 2 North fasade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	0	1	1	0	0,040	2,6	1,41	0,96	55%	188	59	
10	S2/Type 8 Level	180	90	South	1,175	0,400	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	1	0	0	1	0,040	4,7	0,99	1,06	21%	381	66	
10	S2/Type 8 Level	180	90	South	1,175	0,400	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	0	1	0	1	0,040	4,7	0,99	1,06	21%	381	66	
10	S2/Type 8 Level	180	90	South	0,800	1,600	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	1	0	1	0	0,040	12,8	7,04	0,96	55%	939	959	
10	S2/Type 8 Level	180	90	South	0,750	1,600	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	0	0	1	0	0,040	12,0	6,38	0,91	53%	837	861	
10	S2/Type 8 Level	180	90	South	0,800	1,600	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	0	1	1	0	0,040	12,8	7,04	0,96	55%	939	959	
1	S2/Type 8 Level	180	90	South	1,175	0,400	5-Section 2 South fasade 2	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	1	0	0	1	0,040	0,5	0,10	1,06	21%	38	7	
1	S2/Type 8 Level	180	90	South	1,175	0,400	5-Section 2 South fasade 2	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	0	1	0	1	0,040	0,5	0,10	1,06	21%	38	7	
1	S2/Type 8 Level	180	90	South	0,800	1,600	5-Section 2 South fasade 2	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	1	0	1	0	0,040	1,3	0,70	0,96	55%	94	96	
1	S2/Type 8 Level	180	90	South	0,750	1,600	5-Section 2 South fasade 2	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	0	0	1	0	0,040	1,2	0,64	0,91	53%	84	86	
1	S2/Type 8 Level	180	90	South	0,800	1,600	5-Section 2 South fasade 2	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	0	1	1	0	0,040	1,3	0,70	0,96	55%	94	96	
2	S2/Type 9	0	90	North	0,800	0,800	2-Section 2 North fasade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0066w03 Nestle - Novum K1-P - with Ther	0,51	0,80	1,11	0,031	1	0	0	1	0,040	1,3	0,63	1,17	50%	115	12	
2	S2/Type 9	0	90	North	0,800	0,800	2-Section 2 North fasade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0066w03 Nestle - Novum K1-P - with Ther	0,51	0,80	1,11	0,031	1	0	1	0	0,040	1,3	0,63	1,17	50%	115	12	
2	S2/Type 9	0	90	North	0,800	1,400	2-Section 2 North fasade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0066w03 Nestle - Novum K1-P - with Ther	0,51	0,80	1,11	0,031	1	0	0	0	0,040	2,2	1,32	1,07	59%	184	32	
2	S2/Type 9	0	90	North	0,800	1,400	2-Section 2 North fasade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0066w03 Nestle - Novum K1-P - with Ther	0,51	0,80	1,11	0,031	0	0	0	0	0,040	2,2	1,32	1,07	59%	184	32	
2	S2/Type 9	0	90	North	0,800	0,800	2-Section 2 North fasade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0066w03 Nestle - Novum K1-P - with Ther	0,51	0,80	1,11	0,031	1	0	1	0	0,040	1,3	0,63	1,17	50%	115	12	
2	S2/Type 9	0	90	North	0,800	0,800	2-Section 2 North fasade	01ud 44 mm, triple glazing, 2 Low-E, air, al 0066w03 Nestle - Novum K1-P - with Ther	0,51	0,80	1,11	0,031	0	1	1	0	0,040	1,3	0,63	1,17	50%	115	12	
1	S2/Type 10	0	90	North	1,100	0,800	9-Section 2 socle - North	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	1	1	1	1	0,040	0,9	0,43	1,06	48%	71	17	
3	S2/Type 8 Level	180	90	South	1,175	0,400	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	1	0	0	1	0,040	1,4	0,30	1,06	21%	114	15	
3	S2/Type 8 Level	180	90	South	1,175	0,400	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	0	1	0	1	0,040	1,4	0,30	1,06	21%	114	15	
3	S2/Type 8 Level	180	90	South	0,800	1,600	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	1	0	1	0	0,040	3,8	2,11	0,96	55%	282	216	
3	S2/Type 8 Level	180	90	South	0,750	1,600	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	0	0	1	0	0,040	3,6	1,91	0,91	53%	251	194	
3	S2/Type 8 Level	180	90	South	0,800	1,600	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	0	1	1	0	0,040	3,8	2,11	0,96	55%	282	216	
3	S2/Type 8 Level	180	90	South	1,175	0,400	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	1	0	0	1	0,040	1,4	0,30	1,06	21%	114	11	
3	S2/Type 8 Level	180	90	South	1,175	0,400	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	0	1	0	1	0,040	1,4	0,30	1,06	21%	114	11	
3	S2/Type 8 Level	180	90	South	0,800	1,600	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	1	0	1	0	0,040	3,8	2,11	0,96	55%	282	167	
3	S2/Type 8 Level	180	90	South	0,750	1,600	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	0	0	1	0	0,040	3,6	1,91	0,91	53%	251	150	
3	S2/Type 8 Level	180	90	South	0,800	1,600	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	0	1	1	0	0,040	3,8	2,11	0,96	55%	282	167	
3	S2/Type 8 Level	180	90	South	1,175	0,400	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	1	0	0	1	0,040	1,4	0,30	1,06	21%	114	13	
3	S2/Type 8 Level	180	90	South	1,175	0,400	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	1	0	0	1	0,040	1,4	0,30	1,06	21%	114	13	
3	S2/Type 8 Level	180	90	South	0,800	1,600	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	1	0	1	0	0,040	3,8	2,11	0,96	55%	282	184	
3	S2/Type 8 Level	180	90	South	0,750	1,600	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	0	0	1	0	0,040	3,6	1,91	0,91	53%	251	165	
3	S2/Type 8 Level	180	90	South	0,800	1,600	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	0	1	1	0	0,040	3,8	2,11	0,96	55%	282	184	
3	S2/Type 8 Level	180	90	South	1,175	0,400	4-Section 2 South fasade 1	01ud 44 mm, triple glazing, 2 Low-E, air, al 0081w03 Rehau - REHAU GENE0 PHZ - w	0,51	0,80	0,79	0,030	1	0	0	1	0,040	1,4	0,30	1,06	211			

					Window rough openings		installed in	Glazing	Frame	g-Value	U-Value	Ψ Glazing edge	Installation situation user-defined value for 'Ψ _{transluc} ' or '1': 'Ψ _{transluc} ' from worksheet 'Components' '0': in the case of abutting windows				Results U- and 'Ψ'-values from 'Components' worksheet can be shown through clicking the '+' sign on the top edge of the sheet.							
Quant ity	Description	Deviation from North	Angle of inclination from the horizontal	Orientation	Width	Height	Selection from worksheet 'Areas'	Selection from worksheet 'Components'	Selection from worksheet 'Components'	Perpen- dicular Radiation	Glazing	Frames (centre)	Ψ _{space} (centre)	left	right	bottom	above	Ψ _{installation} (Average)	Window Area	Glazing Area	U-Value Window	Glazed fraction per window	Trans- mission- losses	Solar gains
		Degrees	Degrees		m	m		Sort: AS LIST	Sort: AS LIST	-	W/(m ² K)	W/(m ² K)	W/(mK)	W/(mK) or 1/0				W/(mK)	m ²	m ²	W/(m ² K)	%	kWh/a	kWh/a
7	S1/Type 16	180	90	South	0,850	0,700	19-Section 3 South fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	0	1	1	0,040	4,2	1,68	1,01	40%	322	178
7	S1/Type 16	180	90	South	0,900	0,700	19-Section 3 South fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	1	1	0,040	4,4	1,82	1,05	41%	356	194
1	L-1 W Type 6	260	90	West	1,175	0,450	31-Section 1 socle - West	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	0	0	1	0,040	0,5	0,14	1,04	27%	42	5
1	L-1 W Type 6	260	90	West	1,175	0,450	31-Section 1 socle - West	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	0	1	0,040	0,5	0,14	1,04	27%	42	5
1	L-1 W Type 6	260	90	West	0,800	1,600	31-Section 1 socle - West	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	0	1	0	0,040	1,3	0,70	0,96	55%	94	28
1	L-1 W Type 6	260	90	West	0,750	1,600	31-Section 1 socle - West	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	0	1	0	0,040	1,2	0,64	0,91	53%	84	25
1	L-1 W Type 6	260	90	West	0,800	1,600	31-Section 1 socle - West	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	1	0	0,040	1,3	0,70	0,96	55%	94	28
5	L-1 W Type 7	260	90	West	0,800	1,350	31-Section 1 socle - West	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	0	1	1	0,040	5,4	2,85	0,99	53%	411	113
5	L-1 W Type 7	260	90	West	0,750	1,350	31-Section 1 socle - West	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	0	1	1	0,040	5,1	2,58	0,95	51%	367	101
5	L-1 W Type 7	260	90	West	0,800	1,350	31-Section 1 socle - West	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	1	1	0,040	5,4	2,85	0,99	53%	411	113
1	L-1 W Type 1	260	90	West	0,550	0,900	31-Section 1 socle - West	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	1	1	1	0,040	0,5	0,18	1,14	35%	43	6
6	L-1 E Type 7	90	90	East	0,800	1,350	33-Section 1 socle - East	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	0	1	1	0,040	6,5	3,42	0,99	53%	493	121
6	L-1 E Type 7	90	90	East	0,750	1,350	33-Section 1 socle - East	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	0	1	1	0,040	6,1	3,10	0,95	51%	441	108
6	L-1 E Type 7	90	90	East	0,800	1,350	33-Section 1 socle - East	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	1	1	0,040	6,5	3,42	0,99	53%	493	121
10	L 0 W Type 6 - i	260	90	West	1,175	0,450	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	0	0	1	0,040	5,3	1,44	1,04	27%	421	67
10	L 0 W Type 6 - i	260	90	West	1,175	0,450	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	0	1	0,040	5,3	1,44	1,04	27%	421	67
10	L 0 W Type 6 - i	260	90	West	0,800	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	0	1	0	0,040	12,8	7,04	0,96	55%	939	399
10	L 0 W Type 6 - i	260	90	West	0,750	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	0	1	0	0,040	12,0	6,38	0,91	53%	837	356
10	L 0 W Type 6 - i	260	90	West	0,800	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	1	0	0,040	12,8	7,04	0,96	55%	939	399
2	L 0 W Type 6 - i	260	90	West	1,175	0,450	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	0	0	1	0,040	1,1	0,29	1,04	27%	84	8
2	L 0 W Type 6 - i	260	90	West	1,175	0,450	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	0	1	0,040	1,1	0,29	1,04	27%	84	8
2	L 0 W Type 6 - i	260	90	West	0,800	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	0	1	0	0,040	2,6	1,41	0,96	55%	188	50
2	L 0 W Type 6 - i	260	90	West	0,750	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	0	1	0	0,040	2,4	1,28	0,91	53%	167	44
2	L 0 W Type 6 - i	260	90	West	0,800	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	1	0	0,040	2,6	1,41	0,96	55%	188	50
2	L 0 W Type 6 - i	260	90	West	1,175	0,450	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	0	0	1	0,040	1,1	0,29	1,04	27%	84	13
2	L 0 W Type 6 - i	260	90	West	1,175	0,450	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	1,12	0,031	0	1	0	1	0,040	1,1	0,39	1,26	37%	102	6
2	L 0 W Type 6 - i	260	90	West	0,800	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	1,11	0,031	1	0	1	0	0,040	2,6	1,54	1,09	60%	214	50
2	L 0 W Type 6 - i	260	90	West	0,750	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	1,11	0,031	0	0	1	0	0,040	2,4	1,41	1,05	59%	193	45
2	L 0 W Type 6 - i	260	90	West	0,800	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	1,11	0,031	0	1	1	0	0,040	2,6	1,54	1,09	60%	214	50
2	L 0 W Type 2	260	90	West	0,850	0,450	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	1	0	1	0,040	0,8	0,19	1,09	24%	64	8
2	L 0 W Type 2	260	90	West	0,850	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	1	1	0	0,040	2,7	1,54	1,00	57%	208	88
2	01/Door 1 (Glasi	260	90	West	0,800	0,800	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	1,11	0,031	1	0	0	1	0,040	1,3	0,63	1,17	50%	115	19
2	01/Door 1 (Glasi	260	90	West	0,900	0,800	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	1,11	0,031	0	0	0	1	0,040	1,4	0,75	1,11	52%	122	23
2	01/Door 1 (Glasi	260	90	West	0,800	0,800	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	1,11	0,031	0	1	0	1	0,040	1,3	0,63	1,17	50%	115	19
2	01/Door 1 (Glasi	260	90	West	0,800	1,400	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	1,11	0,031	1	0	0	0	0,040	2,2	1,32	1,07	59%	184	57
2	01/Door 1 (Glasi	260	90	West	0,900	1,400	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	1,11	0,031	0	0	0	0	0,000	2,5	1,55	1,01	61%	195	69
2	01/Door 1 (Glasi	260	90	West	0,800	1,400	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	1,11	0,031	0	1	0	0	0,040</						

					Window rough openings		installed in	Glazing	Frame	g-Value	U-Value	Ψ Glazing edge	Installation situation user-defined value for Ψ _{transluc} or '1': Ψ _{transluc} from worksheet 'Components' '0': in the case of abutting windows				Results U- and Ψ-values from 'Components' worksheet can be shown through clicking the '+' sign on the top edge of the sheet.							
Quant ity	Description	Deviation from North	Angle of inclination from the horizontal	Orientation	Width	Height	Selection from worksheet 'Areas'	Selection from worksheet 'Components'	Selection from worksheet 'Components'	Perpen- dicular Radiation	Glazing	Frames (centre)	Ψ _{corner} (centre)	left	right	bottom	above	Ψ _{installation} (Average)	Window Area	Glazing Area	U-Value Window	Glazed fraction per window	Trans- mission- losses	Solar gains
		Degrees	Degrees		m	m		Sort: AS LIST	Sort: AS LIST	-	W/(m²K)	W/(m²K)	W/(mK)					W/(mK)	m²	m²	W/(m²K)	%	kWh/a	kWh/a
1	01/Type 8 NORTH	0	90	North	1,000	1,600	24-Section 1 - North 1 fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	1	0	0,040	1,6	0,97	0,94	60%	115	0
16	L 1 W Type 6	260	90	West	1,175	0,450	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	0	0	1	0,040	8,5	2,31	1,04	27%	673	0
16	L 1 W Type 6	260	90	West	1,175	0,450	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	0	1	0,040	8,5	2,31	1,04	27%	673	0
16	L 1 W Type 6	260	90	West	0,800	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	0	1	0	0,040	20,5	11,26	0,96	55%	1503	0
16	L 1 W Type 6	260	90	West	0,750	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	0	1	0	0,040	19,2	10,21	0,91	53%	1340	0
16	L 1 W Type 6	260	90	West	0,800	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	1	0	0,040	20,5	11,26	0,96	55%	1503	0
2	L 1 W Type 2	260	90	West	0,850	0,450	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	1	0	1	0,040	0,8	0,19	1,09	24%	64	0
2	L 1 W Type 2	260	90	West	0,850	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	1	1	0	0,040	2,7	1,54	1,00	57%	208	0
16	L 2 W Type 6	260	90	West	1,175	0,450	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	0	0	1	0,040	8,5	2,31	1,04	27%	673	0
16	L 2 W Type 6	260	90	West	1,175	0,450	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	0	1	0,040	8,5	2,31	1,04	27%	673	0
16	L 2 W Type 6	260	90	West	0,800	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	0	1	0	0,040	20,5	11,26	0,96	55%	1503	0
16	L 2 W Type 6	260	90	West	0,750	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	0	1	0	0,040	19,2	10,21	0,91	53%	1340	0
16	L 2 W Type 6	260	90	West	0,800	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	1	0	0,040	20,5	11,26	0,96	55%	1503	0
2	L 2 W Type 2	260	90	West	0,850	0,450	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	1	0	1	0,040	0,8	0,19	1,09	24%	64	0
2	L 2 W Type 2	260	90	West	0,850	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	1	1	0	0,040	2,7	1,54	1,00	57%	208	0
16	L 3 W Type 6	260	90	West	1,175	0,450	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	0	0	1	0,040	8,5	2,31	1,04	27%	673	0
16	L 3 W Type 6	260	90	West	1,175	0,450	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	0	1	0,040	8,5	2,31	1,04	27%	673	0
16	L 3 W Type 6	260	90	West	0,800	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	0	1	0	0,040	20,5	11,26	0,96	55%	1503	0
16	L 3 W Type 6	260	90	West	0,750	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	0	1	0	0,040	19,2	10,21	0,91	53%	1340	0
16	L 3 W Type 6	260	90	West	0,800	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	1	0	0,040	20,5	11,26	0,96	55%	1503	0
2	L 3 W Type 2	260	90	West	0,850	0,450	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	1	0	1	0,040	0,8	0,19	1,09	24%	64	0
2	L 3 W Type 2	260	90	West	0,850	1,600	23-Section 1 - West fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	1	1	0	0,040	2,7	1,54	1,00	57%	208	0
20	L0,1,2,3 E Type	90	90	East	1,175	0,450	26-Section 1 - East 1 fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	0	0	1	0,040	10,6	2,89	1,04	27%	841	0
20	L0,1,2,3 E Type	90	90	East	1,175	0,450	26-Section 1 - East 1 fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	0	1	0,040	10,6	2,89	1,04	27%	841	0
20	L0,1,2,3 E Type	90	90	East	0,800	1,600	26-Section 1 - East 1 fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	0	1	0	0,040	25,6	14,07	0,96	55%	1879	0
20	L0,1,2,3 E Type	90	90	East	0,750	1,600	26-Section 1 - East 1 fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	0	1	0	0,040	24,0	12,77	0,91	53%	1675	0
20	L0,1,2,3 E Type	90	90	East	0,800	1,600	26-Section 1 - East 1 fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	1	0	0,040	25,6	14,07	0,96	55%	1879	0
1	01/Door 3 (Glas)	90	90	East	0,450	1,400	27-Section 1 - East 2 fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0066w03 Nestle - Novum K1-P - with Ther		0,51	0,80	1,11	0,031	1	0	0	1	0,040	0,6	0,25	1,24	40%	60	0
1	01/Door 3 (Glas)	90	90	East	0,450	1,400	27-Section 1 - East 2 fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0066w03 Nestle - Novum K1-P - with Ther		0,51	0,80	1,11	0,031	0	0	0	1	0,040	0,6	0,25	1,15	40%	55	0
1	01/Door 3 (Glas)	90	90	East	0,450	1,400	27-Section 1 - East 2 fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0066w03 Nestle - Novum K1-P - with Ther		0,51	0,80	1,11	0,031	0	0	0	1	0,040	0,6	0,25	1,15	40%	55	0
1	01/Door 3 (Glas)	90	90	East	0,450	1,400	27-Section 1 - East 2 fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0066w03 Nestle - Novum K1-P - with Ther		0,51	0,80	1,11	0,031	0	1	0	1	0,040	0,6	0,25	1,24	40%	60	0
1	01/Door 3 (Glas)	90	90	East	0,900	0,800	27-Section 1 - East 2 fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0066w03 Nestle - Novum K1-P - with Ther		0,51	0,80	1,11	0,031	1	0	1	0	0,040	0,7	0,37	1,15	52%	64	0
1	01/Door 3 (Glas)	90	90	East	0,900	0,800	27-Section 1 - East 2 fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0066w03 Nestle - Novum K1-P - with Ther		0,51	0,80	1,11	0,031	0	1	1	0	0,040	0,7	0,37	1,15	52%	64	0
3	L 1,2,3 E Type 6	90	90	East	0,900	0,800	27-Section 1 - East 2 fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	1	0	1	1	0,040	2,2	0,97	1,03	45%	171	0
3	L 1,2,3 E Type 6	90	90	East	0,900	0,800	27-Section 1 - East 2 fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0081w03 Rehau - REHAU GENE0 PHZ - w		0,51	0,80	0,79	0,030	0	1	1	1	0,040	2,2	0,97	1,03	45%	171	0
2	01/Door 4 (Glas)	90	90	East	0,850	0,800	28-Section 1 - East 3 fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0066w03 Nestle - Novum K1-P - with Ther		0,51	0,80	1,11	0,031	1	0	0	1	0,040	1,4	0,69	1,16	51%	121	0
2	01/Door 4 (Glas)	90	90	East	0,900	0,800	28-Section 1 - East 3 fasade	01ud 44 mm, triple glazing, 2 Low-E, air, a 0066w03 Nestle - Novum K1-P - with Ther		0,51	0,80	1,11	0,031	0	0	0	1	0,040	1,4	0,75	1,1,			

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