

BER Rating (Existing) BER Rating (Proposed)



TYPE	LEVEL	LAYOUT	BAY	ORIENTATIO N	No of Apts	AREA of Apt	Total area of Apts	% of total Area		Primary Energy (kWh/y)	CO2 Emissions (kg/y)	BER Rating (kWh/m2y)	BER
Туре 1	Ground Level	A	Gable End	N/S	1	53.5	53.5	1.83%		2880	489	49	A2
Туре 2	Ground Level	A	Gable End	E/W	1	53.5	53.5	1.83%		2809	518	53	A3
Туре З	Ground Level	A	Mid Bay	N/S	5	53.5	267.5	9.14%		2621	485	49	A2
Туре 4	Ground Level	A	Mid Bay	E/W	3	53.5	160.5	5.49%		2785	514	52	A3
							0	0.00%					
Туре 5	Mid Level	В	Gable End	N/S	3	72	216	7.38%		2911	552	40	A2
Туре 6	Mid Level	В	Gable End	E/W	2	72	144	4.92%		3058	577	42	A2
Туре 7	Mid Level	D	Mid Bay	N/S	2	107	214	7.31%		3997	768	37	A2
Туре 8	Mid Level	D	Mid Bay	E/W	2	107	214	7.31%		4179	799	39	A2
Туре 9	Mid Level	В	Mid Bay	N/S	6	72	432	14.76%		2789	530	39	A2
Type 10	Mid Level	В	Mid Bay	E/W	1	72	72	2.46%		2935	555	41	A2
Type 11	Mid Level	С	Gable End	N/S	3	70	210	7.18%		2826	533	39	A2
Type 12	Mid Level	С	Gable End	E/W	3	70	210	7.18%		2800	528	39	A2
							0	0.00%					
Туре 13	Upper Level	С	Gable End	N/S	1	70	70	2.39%		3356	624	47	A2
Type 14	Upper Level	С	Gable End	E/W	1	70	70	2.39%		3308	616	46	A2
Type 15	Upper Level	В	Mid Bay	N/S	4	72	288	9.84%		3220	604	45	A2
Type 16	Upper Level	В	Mid Bay	E/W	1	72	72	2.46%		3443	642	48	A2
Type 17	Upper Level	В	Gable End	N/S	1	72	72	2.46%		3313	621	46	A2
Type 18	Upper Level	D	Gable End	E/W	1	107	107	3.66%		4998	940	47	A2
Total					41		2926	100.00%					
						Area Weighted Average				3172.92	597.32	42.83	A2

Area weighted BER summary.











Dublin City Council Flat-Top Block Apartments - Energy Retrofit

Mo Zainal