

Table 2.1 Waste Generation & Recycling Rates

Crown Street Phase 2 Waste Forecast

13.02.23 (v4)



Building C4

RESIDENTIAL APARTMENTS

Number of Units	=	414
1 Bed	=	134
2 Bed	=	262
3 Bed	=	18

Weekly Waste Forecast @110 litres per Apartment

= 45540 litres per week

GD04 Bin Storage Requirement Residential

= 0.43 sqm per Apartment (+manoeuvring space) = 178 sqm

Recycling Streams

Assume Tri-Separator so Organic Waste goes into General Refuse

	General Refuse	Organic	Paper/ Card	Plastic/ Metal/ Glass	Total
Waste Recycling %	48.89%	2.22%	24.44%	24.44%	100%
Waste storage based on:	23276	1012	11132	11132	45540
	1100litre Eurobins				
	22		11	11	44

Building C5

RESIDENTIAL APARTMENTS

Number of Units	=	445
1 Bed	=	151
2 Bed	=	250
3 Bed	=	44

Weekly Waste Forecast @110 litres per Apartment

= 48950 litres per week

GD04 Bin Storage Requirement Residential

= 0.43 sqm per Apartment (+manoeuvring space) = 191 sqm

Recycling Streams

Assume Tri-Separator so Organic Waste goes into General Refuse

	General Refuse	Organic	Paper/ Card	Plastic/ Metal/ Glass	Total
Waste Recycling %	48.89%	2.22%	24.44%	24.44%	100%
Waste storage based on:	25019	1088	11966	11966	48950
	1100litre Eurobins				
	23		11	11	45

C4 Ancillary Commercial Space (A1/A2/A3/A4)

RETAIL

BS5906:2005 10 litres per sqm per week

Area 264 sqm @ 10 litres per sqm per week
= 2640 Litres of Waste per Week

Recycling Streams

* Based on WRAP Waste Ratios

	General Refuse (inc Organic)	Paper/ Card	Plastic/ Metal/ Glass	Total
Waste /Recycling	50.00%	25.00%	25.00%	100%
Litres Per Week	1320	660	660	2640
Bin Storage with Collection every other day	1	1	1	

C5 Ancillary Commercial Space (A1/A2/A3/A4)

RETAIL

BS5906:2005 10 litres per sqm per week

Area 226 sqm @ 10 litres per sqm per week
= 2260 Litres of Waste per Week

Recycling Streams

* Based on WRAP Waste Ratios

	General Refuse (inc Organic)	Paper/ Card	Plastic/ Metal/ Glass	Total
Waste /Recycling	50.00%	25.00%	25.00%	100%
Litres Per Week	1130	565	565	2260
Bin Storage with Collection every other day	1	1	1	