

27-33 King Street West, The Carriage Works

Bins Provision Calculation

OFFICE

Office NIA sqm

5,957

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595.7 people based on 10sqm per person NIA

Weekly waste forecast (litres)

BS5906:2005

29,785 litres

50l per employee per week

	General refuse 30%	Organic 5%	Paper/ Card 50%	Plastic/ Metal 13%	Glass 2%	Total 100%
Litres per week	8,935.50	1489.25	14,892.50	3872.05	595.7	29,785
1100l Eurobins per week	8	1	13	4		26
240l bins per week		6.2			2.5	9
1100l Eurobins per day	1.6		2.6	0.7		5
240l bins per day		1.2			0.5	2

RETAIL

Retail occupiers - unknown. Waste calculations based on a worst case scenario - restaurant use

Retail NIA sqm

140

Assumed areas (sqm)

- Kitchen Area

28 sqm

20% of NIA

- Dining area

112 sqm

80% of NIA

Number of covers/ people

80

people based on 1.4sqm per cover

Weekly waste forecast for restaurants (litres)

BS5906:2005

6000 litres

75l volume per number of covers

MCC guidance GD04_v6

6000 litres

1500l per 20 dining spaces

Recycling percentage vary according to the future use of the retail units.

Based on the assumption of restaurant use - the food & glass waste will be a high proportion - 25% has been assumed - to be collected in 240l bins.

Based on these calculations daily collection is advisable for the retail units.

	General refuse 10%	Organic 39%	Paper/ Card 22%	Plastic /Metal 7%	Glass 22%	Total 100%
Litres per week	600	2340	1320	420	1320	6000
1100l Eurobins per week	1	2	1	0.4	1	5
240l bins per week	2.5	9.8	5.5	2	5.5	25
1100l Eurobins per day	0.1	0.4	0.2	0.1	0.2	1
240l bins per day	0.5	2.0	1.1	0.4	1.1	5

The breakdown for the waste streams is based on WRAP guidance.