

Premier House, Renaissance
Bins Provision Calculation

OFFICE			
Office NIA sqm	2443	@	244.3 people based on 10sqm per person NIA
Weekly waste forecast (litres)			
BS5906:2005	12215 litres		50l per employee per week

	General refuse 30%	Organic 5%	Paper/ Card 50%	Plastic/ Metal 13%	Glass 2%	Total 100%
Litres per week	3664.5	610.75	6107.5	1587.95	244.3	12215
1100l Eurobins per week	3.3		5.6	1.4		10
240l bins per week		2.5			1.0	4
1100l Eurobins per week	0.7		1.1	0.3		2
240l bins per day		0.5			0.2	1

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

Retail NIA sqm	758	
Assumed areas (sqm)		
- Kitchen Area	151.6 sqm	20% of NIA
- Dining area	606.4 sqm	80% of NIA
Number of covers/ people	433	people based on 1.4sqm per cover
Weekly waste forecast for restaurants (litres)		
BS5906:2005	32486 litres	75l volume per number of covers
MCC guidance GD04_v6	32486 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.

	General refuse 50%	Recycled 50%	Total 100%
1100l Eurobins per week	15	7	22
240l bins per week		34	34
1100l Eurobins per day	3	1.5	5
240l bins per day		7	7

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