

Waste and Recycling Storage, Planning, and Collection Guidance for Houses, Flats, Houses of Multiple Occupancy, New Builds, and Conversions.

May 2018

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1. Introduction

This guide applies only to Bolton Council and provides basic information for architects and other developers working within the borough. It describes the methods of waste storage available and the general waste and recycling requirements for different types of domestic properties.

Some developments will not fit into broad categories outlined in this document, in which case advice should be sought from the planning and waste departments.

This guidance should be used for both the construction of new developments and the refurbishment/development of existing properties.

Older developments that do not fulfil the current waste regulations are unlikely to have any modifications approved if they do not include improvements in waste and recycling storage.

As a waste collection authority Bolton has a duty to arrange for the collection of household waste and in doing so needs to ensure adequate provisions with respect to the space and access for the containment of the receptacles.

The council provides a fortnightly collection of domestic waste, recycling, and mixed garden and food waste, and a weekly collection of separate food waste (only eligible properties).

2. Standard Bin Sizes

Standard bin sizes for **houses** (detached, semi-detached and terraced) are:

- General waste (Grey) – 140 litre in capacity
- Paper, cardboard and drinks cartons (Beige) - 240 litre in capacity
- Glass bottles and jars, cans and plastic bottles (Burgundy) - 240 litre in capacity
- Properties with a garden -Garden/food (Green) - 240 litre in capacity, high density terraced properties with little or no garden – 23 litre food waste container (Green)

Consideration must be given to space and storage of bins for each of the 4 waste streams described.

Standard bin sizes for **flats** and apartments are typically:

- General waste (Blue) 4 wheeled – 660 litre /1100 litre /1280 litre in capacity
- Paper, cardboard and drinks cartons (Beige) - 4 wheeled – 660 litre /1100 litre in capacity
- Glass bottles and jars, cans and plastic bottles (Burgundy) 4 wheeled – 660 litre /1100 litre in capacity
- Garden/Food (Green) – 240 litre in capacity

(Please see page 7 and 8 for container dimensions)

Consideration must be given to space and storage of bins for each of the 4 waste streams described.

Flats are based capacity wise on 140 litre per property.

Should flats require 140 litre individual bins rather than the large communal 4 wheeled type as listed above this can be arranged if deemed suitable for the property when assessed by the Waste and Recycling team.

All general waste bins are hired from Bolton Council for a nominal fee and collections are free, whilst all recycling bins are provided and collected free of charge.

Bolton Council will refuse planning applications that have **not** allowed sufficient accessible space for general waste and recycling storage based on a fortnightly collection.

3. Guidelines for planning

When planning and designing bin storage areas and hard surfaces, the following guidelines should be adhered to. This will facilitate safe collection and protect the health and safety of collection staff when handling and loading all bins.

Houses (140 litre /240 litre bins)

- All 140 litre /240 litre (refuse/recycling/garden/food bins) **must** be stored within the property boundary and presented on the curtilage of the property on collection day.

- Any bins not provided by Bolton Council **must** be manufactured to BS EN 840 standards, and be the same size and colour as the bins Bolton Council provide.

Flats (communal 660 litre /1100 litre /1280 litre bins)

- The walking distance from where the bins are sited on a property and the nearest practicable position that the waste collection vehicle can stop must not exceed 10 metres.
- Bins must be stored on a hard surface and/or in a storage cupboard.
- Bins that are stored in a storage cupboard must be housed in chambers constructed in accordance with the British Standard Code of Practice BS 5906:1980 “**Storage and on-site treatment of solid waste from buildings**”. All storage cupboards must have adequate storage capacity and space for manoeuvrability. In larger storage cupboards lights must be installed for the crew to avoid any hazards. Wooden bin sheds or doorframes need metal protection to minimise any damages.
- Footpaths between the container housings and the nearest vehicular access should be free from steps or kerbs, have a solid foundation, have a smooth solid surface, be level and have a gradient no more than 1:12 and a minimum width of 2 metres.
- Consider internal waste management i.e. Transfer of waste from dwellings to the bins. If internal waste storage rooms are to be on each floor how waste is to be transferred from them to the Bins.
- Take measures to ensure the bin store, access/doors are left clear to be accessed and bins can be manoeuvred safely to and from the vehicle and are not compromised by positioning of car parking spaces blocking access etc.
- The council is to be indemnified against any damage to road surfaces and underground apparatus before bin delivery and collections if roads are not adopted.
- A letter of indemnity should follow request, confirming that the council will not be held liable for any accidental damage.
- Access and turning circles, length, width, height and weight of the vehicles need to be considered at the design stage. Turning circle 16.5m to 21m, length 9.25m plus 1m for lift, width 2.53m, height 3.4m and gross weight 26 tonne.
- Any bins not provided by Bolton Council **must** be manufactured to BS EN 840 standards.

4. Domestic bin dimensions

Container	Dimensions (mm)		Floor space Req. (mm)	Bin Profile
1280ltr Eurobin	Width	1280	1480 x 1200	
	Depth	1000		
	Height	1445		
	Height (with open lid)	2455		
1100ltr Eurobin (Sufficient for approx. 5 flats)	Width	1375	1575 x 1190	
	Depth	990		
	Height	1370		
	Height (with open lid)	2370		
660ltr Eurobin (Sufficient for approx. 3 flats)	Width	1250	1450 x 920	
	Depth	720		
	Height	1330		
	Height (with open lid)	2060		
	Depth	880		
240ltr Wheeled Bin (Sufficient for approx. 1 property)	Width	740	940 x 780	
	Depth	580		
	Height	1100		
	Height (with open lid)	1750		
140ltr Wheeled Bin (Sufficient for approx. 1 property)	Width	480	680 x 755	
	Depth	555		
	Height	1100		
	Height (with open lid)	1500		

5. Recycling bin dimensions

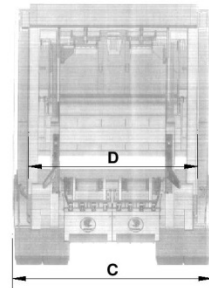
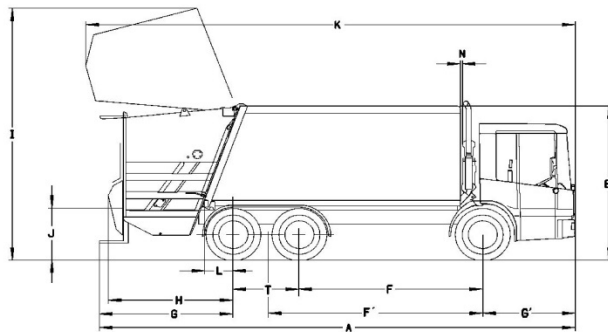
Container	Dimensions (mm)		Floor space Req. (mm)	Bin Profile	
1100ltr Eurobin Beige & Burgundy	Width	1375	1575 x 1190		
	Depth	990			
	Height	1370			
	Height (with open lid)	2370			
660ltr Eurobin, Beige & Burgundy	Width	1250	1450 x 920		
	Depth	720			
	Height	1330			
	Height (with open lid)	2060			
240ltr Wheeled Bin, Beige, Burgundy & Green	Width	740	940 x 780		
	Depth	580			
	Height	1100			
	Height (with open lid)	1750			
140ltr Wheeled Bin, Beige, Burgundy & Green	Width	480	680 x 755		
	Depth	555			
	Height	1100			
	Height (with open lid)	1500			
23ltr On Street Caddy	Width	325mm			
Depth	395mm				
Height	425mm				

5. Vehicle dimensions



DATA SHEET

CHASSIS DATA		BODY DATA	
MAKE	MERCEDES-BENZ	TYPE OF BODY	SELECTAPRESS 5 DL
TYP	2630/35NLG(ENA)-ECONIC-EURO6	WIDTH OF BODY (mm)	2550
G.V.W.(kg)	26000	VOLUME (m3)	20
TECHNICAL WHEELBASE F'(mm)	4435	BIN-LIFTER	ZOELLER ROTARY Selecta 50-50
WHEELBASE F+T (mm)	3900 + 1350		
REAR SUSPENSION	PNEUMATIC	V14-3	PRINTER NAME T.D
POWER TAKE-OFF	ON REAR ENGINE		PRINTED DATE 22/07/2014
POWER TAKE-OFF RATIO	1,07	REF :	1888 SELECTAPRESS 5 DUO K-10/2013 - 0



PRECISION OF WEIGHTS AND DIMENSIONS : + or - 3%

DIMENSIONAL DATA (mm)	
TOTAL LENGTH	10257 A
TOTAL WIDTH OF CHASSIS	2490 C
WIDTH OF HOPPER	2054 D
TOTAL HEIGHT, TAILGATE CLOSED, UNLOADED	3496 E
TOTAL FRONT OVERHANG	1880 G'
TOTAL REAR OVERHANG	2847 G
TOTAL REAR OVERHANG WITH LIFTER	3127 H
TOTAL HEIGHT, TAILGATE OPENED, UNLOADED	5579 I
RAVE RAIL HEIGHT UNLOADED	1450 J (105)
TOTAL LENGTH, TAILGATE OPENED	9938 K
USEABLE OVERHANG OF BODY	472 L
MAXIMUM REAR OVERHANG OF CHASSIS	637 L
DISTANCE BETWEEN CAB AND BODY	0 N
High calculated with standard tires	590

DIMENSIONAL DATA (mm)	
R1 (mm)	8100
R2 (mm)	7058
d (mm)	1383
d (mm) according directive 97/27/CEE	768
	800

WEIGHTS AND WEIGHT DISTRIBUTION (kg)			
	FRONT	REAR	TOTAL
CHASSIS	4605	3080	7685
BODY WITH OPTIONS	851	6844	7695
BIN-LIFTER	-690	1625	935
DRIVER + PASSENGER	225	0	225
DEAD WEIGHT	4991	11549	16540
BODY PAYLOAD	2378	7082	9460
TOTAL WEIGHT	7369	18631	26000
MAX ADM. WEIGHT PER AXLE	8000	19000	26000

OBSERVATIONS	
	0
OPTION CHASSIS	NO CHASSIS OPTION
OPTION	PANEL TO COVER SIDE BODY 20-23m3
OPTION	CENTRAL LUBRICATION 30kg
OPTION	WITHOUT REAR STEPS -100kg
OPTION	NO OPTION
OPTION	NO OPTION
OPTION	NO OPTION
OPTION	NO OPTION

DISTRIBUTION FRONT-REAR for	0	1/8	1/4	3/8	1/2	3/4	4/4	of load
FRONT-REAR en %	27,4 - 72,6	24,4 - 75,6	22,7 - 77,3	21,9 - 78,1	22,0 - 78,0	24,1 - 75,9	28,3 - 71,7	
	4537	4331	4284	4398	4672	5701		83

CHASSIS AND EQUIPMENT WEIGHT ARE GIVEN WITHOUT ANY OPTION. LENGTH AND WEIGHT ARE GIVEN ACCORDING TO A STANDARD EQUIPMENT.

6. Useful links

The following may be of further assistance to developers:

- <http://www.planningportal.gov.uk/buildingregulations/approveddocuments/parth/approved>
- www.bolton.gov.uk/sites/DocumentCentre/Documents/SDC%20SPD.pdf