



Guidance on the storage and collection of Household Waste

To ensure waste is collected cleanly, safely and efficiently the Council has specified it will only collect waste from wheeled bins. It can make this legal requirement under Section 46 of the Environmental Protection Act 1990.

Where new or redeveloped homes are being built the Council may ask the developer to provide the wheeled bins. The following information is therefore provided to assist developers and should be read in conjunction with Part H of the Building Regulations 2002.

Applications for Planning Permission should include appropriate provision for the storage and collection of household waste.

Houses & Bungalows

These properties will each be provided with two wheeled bins for the collection *of refuse and recyclables. These bins may be purchased from the Council; please call the Depot on 01784 446401 or see the Council's website for details – www.spelthorne.gov.uk.

Approximate dimensions are given below:

Size	Medium
Capacity	240 litres
Height	1100 mm
Width	585 mm
Depth	730 mm

Space should therefore be provided for two bins at each property (one refuse, one recycling).

In general wheeled bins should be stored on a hard, impervious, free-draining surface, in a position with convenient access to the kitchen door but also where they can be easily moved by the residents to the kerbside at the front of the property for collection.

Where it is intended for the wheeled bins to be permanently stored at the front of the property, a suitable enclosure should be constructed in an accessible, but inconspicuous position. Any enclosure should be of adequate height to permit the bin lids to be fully opened without having to move the bins.

Flats & Communal Properties

In those developments where there are more than 4 properties communal wheeled bins should be provided for refuse and recycling with a total capacity based on 2 x 240 litre bins per property (one for refuse and one for recycling) and stored no more than 5m

from the highway unless suitable access is available for the vehicle. The collectors will collect, empty and return the communal wheeled bins to the storage area.

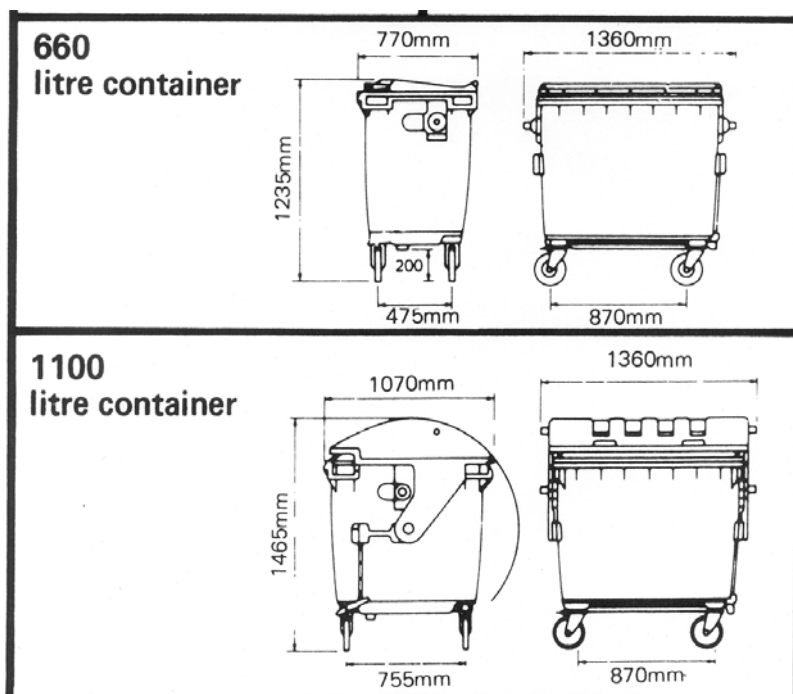
Communal wheeled bins have four wheels and are available in 660 litre and 1100 litre sizes. These can be purchased from a number of companies, including the following:

Company	☎	Website
Egbert H. Taylor & Company Ltd	01299 251333	www.taylor-ch.co.uk
SULO MGB Ltd	01494 511055	www.sulo.com
Plastic Omnium	01952 582583	www.plasticomnium.com
OTTO	01530 277900	www.otto.co.uk
SSI Schäfer	+49 27 35 / 70-1	www.ssi-schaefer.de

Communal bins should preferably be supplied with flat tops which fold fully back, rather than the sprung “roll-top” sliding lid type, which are more likely to be broken during the emptying operation. The bins should be clearly identifiable for the segregation of recycling and rubbish, which must include signwriting.

The number of bins, individual or communal, should equate to the provision of 2 x 240 litre bins per household or flat. As the service will be fortnightly the total storage capacity per household or flat should be 480 litres.

Dimensions of communal wheeled bins are given below; please note that some manufacturers may produce slightly different sized bins.



To encourage residents to recycle waste, internal storage areas should be designed into each unit of a new development. This will enable occupants to segregate their waste into refuse and recyclables, and store it temporarily, until it can be transferred to external bins.

The **storage areas** for communal wheeled bins need to:

- ✓ be at ground level
- ✓ be within 5 metres of the public highway
- ✓ allow for both refuse and recycling bins – see below for how to calculate the number and capacity of bins required
- ✓ have a suitable level hard surface
- ✓ have an access pathway
- ✓ have a dropped kerb
- ✓ have hatchings adjacent to the dropped kerb prohibiting parking

Access pathways from the storage area to the collection point (where the vehicle stops) need to:

- ✓ be level, unless the gradient falls away from the storage area in which case the gradient should not be steeper than 1:12
- ✓ be at least 1.5 metres wide
- ✓ be free from kerbs and steps
- ✓ have solid foundations and a smooth continuous impervious surface
- ✓ have shallow ramps where they meet roadways
- ✓ be no more than 5 metres from the point where the collection vehicle will stop

The collection vehicle will need to park near the storage area. Therefore **access roads** need to:

- ✓ have suitable foundations and surfaces to withstand the maximum weight of the vehicle (generally 26t GVW, 11.5t axle loading)
- ✓ have heavy-duty manhole covers, gully gratings etc
- ✓ be designed to ensure reasonable convenience for the collection vehicle
- ✓ be a minimum of 5 metres wide
- ✓ be arranged for the collection vehicle to continue in a forward direction
- ✓ offer adequate space for turning
- ✓ allow a minimum of 4.1 metres clearance under any obstruction such as an arch
- ✓ have road hatchings at the entrance, to prevent parking at all times

For tracking purposes, the dimensions of the vehicles currently used in Spelthorne are 10.8m long and 2.6m wide. The minimum turning circles are 18.5m (kerb to kerb) and 20.3m (between walls).

If more than four containers are to be emptied, then the collection vehicle should be able to enter the development to avoid the risk of obstructing traffic. Exceptions may be made when the vehicle can be safely and conveniently reversed into the development over a distance not exceeding 12 metres to a point within 5 metres of the storage area. In all such instances the road crossing the footway shall be designed so that the

reversing vehicle does not encroach on the footway. The footway should be appropriately radiused to assist the vehicle reversing. Collection vehicles should not generally be expected to reverse into a development from a busy main road.

Appropriate measures must be incorporated into any scheme to control unauthorized parking of vehicles that would prevent access by the waste collection vehicle.

Composters and Food Digesters

Spelthorne Borough Council and Surrey County Council also subsidise the provision of both composters and food digesters for installation in Spelthorne properties.

Composters can process a variety of 'green' and 'brown' material – this includes peelings and fruit scraps, tea bags, grass cuttings, shredded paper and egg boxes. They are available in two sizes and are delivered free to household doors and are guaranteed for 15 years. To purchase a composter or for further advice visit www.surreycc.gov.uk/getcomposting or call 0844 571 4444*.

220 litre		330 litre	
Height	900mm	Height	1000mm
Diameter	740mm	Diameter	800mm
Price	£14.00	Price	£17.00

Food digesters come in two forms and both have been designed to take ALL cooked and uncooked food waste including meat and bones. The Green Johanna also accepts garden waste and produces a rich compost. To purchase a food digester or for further advice visit www.greatgreensystems.com or call 0800 731 2572*.

Green Cone		Green Johanna	
Height	70cm	Height	95cm
Diameter	60cm	Diameter	90cm
42cm digestion chamber in the ground		No digging required	
Price	£14.95 (plus £10 delivery)	Price	£19.95 (plus £10 delivery)

*The Environment Services Team at Spelthorne Borough Council would also be happy to provide additional information and support – 01784 448550.