

Guidance for New Developments **Waste and Recycling Capacity Requirements**

Houses

Individual properties are provided with a standard 240l wheeled bin for rubbish, two 55l boxes and one 90l sack for recycling and one 240l wheeled bin for green garden waste and food waste.

Flats

Rubbish Capacity

Each property is entitled to 240l capacity for rubbish.

Where properties share a bin store they will be provided with bulk bins for rubbish.

Determine how many properties are allocated to the bin store. Work out what their combined rubbish storage capacity is and subsequently how many of either the 1100l or 660l bulk bins (or a mixture of both) cater for this (e.g. 10 properties x 240l = 2400l. $2400l/1100 = 2.18 = 2 \times 1100l$ bulk bins) Residents should not be provided with more capacity than they are entitled too.

Before making calculations please read Other Considerations below.

Recycling Capacity

Each property is entitled to 55l capacity for glass, 55l capacity for paper/cardboard, and 90l capacity for plastic bottles/cans.

Where properties share a bin store they will be provided with bins for recycling. Each of the 3 recycling streams (i.e. glass, plastic bottles/cans and paper/cardboard) for recycling are collected separately in bins:

360l bins will be provided for glass

240l bins for paper/cardboard and

360l bins for plastic bottles/cans.

Calculations are based on 100% uptake of the recycling service

No. of properties x 55 = y. $y/360$ = no. of glass bins required

No. of properties x 55 = y. $y/240$ = no. of paper/cardboard bins required

No. of properties x 90 = y. $y/360$ = no. of plastic bottles/can bins required

It should be noted that the type of resident the properties will be marketed at may impact on the number of each different type of recycling bin they may require. Advice can be provided on this by the Council's Waste Management's Team.

Unless residents in flats have access to a garden area that they are required to maintain themselves, they would not be provided with a 240l green garden waste bins.

Please note that flats do not currently receive a food waste collection however this service will be introduced in 2013. As such provision should be made for additional space in the bin store to allow for further receptacles to be added once this service is introduced. It is thought that 240l bins will be provided at approx 1 bin per 10 properties. Please note that for bin stores serving less than 10 properties space will still be required for 1 x 240l for this service.

Approximate Rubbish Bin Dimensions

240L Wheeled Bin

Height 1079mm, Width 583mm, Depth 737mm

360L Wheeled Bin

Height 1112mm, Width 585mm, Depth 880mm

660L Bulk Bin

Height 1213mm, Width 1373mm, Depth 780mm

1100L Bulk Bin

Height 1354mm, Width 1373mm, Depth 1073mm

Approximate Recycling Receptacle Dimensions

55L Boxes – for paper/cardboard

55L Boxes – for glass

Approx Height 350mm, Width 390mm, Depth 585mm

Each property is entitled to 2 boxes (1 for each recycling stream)

90L Polyweave Sack – for plastic bottles/cans

Height 450mm, Width 450mm, Depth 450mm

Each property is entitled to 1 sack

240L Wheeled Bin – glass recycling collection from bin stores

Height 1079mm, Width 583mm, Depth 737mm

360L Wheeled Bin – paper/cardboard recycling collection from bin stores

Height 1112mm, Width 585mm, Depth 880mm

360L Wheeled Bin – plastic bottles/cans recycling collection from bin stores

Height 1112mm, Width 585mm, Depth 880mm

240L Wheeled Bin – for garden/food waste

Height 1079mm, Width 583mm, Depth 737mm

(Provisional - 240L Wheeled Bin – food waste collection from bin stores

Height 1079mm, Width 583mm, Depth 737mm)

Extra recycling containers (not garden waste bins) are available upon request.

Other Considerations

Developers must ensure full compliance with the guidance set out in Manual for Streets published by the Department of Transport on all waste storage and collection issues.

West Berkshire Council provides a curtilage collection for rubbish and recycling (nearest point to the Highway) and as such the waste collection contractor, Veolia Environmental Services, is not required to drive on to private roads, car parks etc.

Properties with individual bins/boxes/sacks need to put these out for a curtilage collection.

When doing swept path analysis please note that the longest collection vehicle is the recycling vehicle at 11.2m long.

Access for collection vehicles to the bin stores should not be restricted e.g. low or narrow entrances, allocated parking in front of bin store doors. If there are security gates/doors, access via a security code is preferred.

Bins are difficult to safely manoeuvre over stony or grass surfaces. Subsequently access to the bin stores/collection points should not be over these surfaces.

Bulk bins are difficult to safely manoeuvre up, down and across slopes and consideration may have to be given to providing smaller wheeled bins where such movement is required.

Collection vehicles require adequate turning space where applicable.

All bin stores that are to be serviced by Veolia should be on the ground floor.

Bin stores need to have flat or ramped access.

Bin store doors should not be sprung loaded and should open outwards.

Residents must have easy access to all bins in a bin store i.e. without having to move other bins first.

Older people and people with disabilities often find bulk bins difficult to use (e.g. lids are too heavy), subsequently if there are likely to be a high proportion of people in either of these categories, bins with a maximum capacity of 360 litres should be used instead (Waste Management can provide further guidance)

Developers should contact the Council's Customer Services team (01635 519080) 8 weeks prior to flats being occupied to enable bins and recycling receptacles to be ordered and delivered in time. Information about the location of the bin stores, any prior waste capacity agreement and any security codes will also need to be provided at this time.