

SPECIFICATION OF FOOD WASTE CONTAINERS & COMMUNAL HOUSINGS

**Standardised
design specification**

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Definitions

Delivery Date	The date by which the product, fully compliant with the Specification and the order requirements, shall be delivered to the delivery address.
Kitchen Caddy	Rigid plastic containers for the separation and storage of food waste within the home to enable its separate collection.
Kerbside Presentation Caddy	Rigid plastic containers for the separation, storage, and presentation of food waste externally to enable its separate collection.
Wheeled bin	Rigid plastic or metal bin ranging from 120 litres to 240 litres capacity for 2 wheeled bins and up to 440 litres capacity for 4 wheeled bins; suitable for the storage and presentation of food waste to enable its separate collection.
Housing Units	Weatherproof unit suitable for housing one or more wheeled bins.
Communal Domestic Dwelling	Dwellings that share communal waste facilities such as Flats, Apartments, Mansion Blocks, Estates or Houses of Multiple Occupation.
Individual Domestic Dwelling	A dwelling that has its own set of waste containers for all kerbside waste collection services with no containers share

1.0 Base Specification

This is a standardised specification for the provision of:

- *food waste caddies for the kitchen and kerbside, which are to be used for the collection of food waste from individual domestic dwellings across England; and*
- *wheeled bins and bin housings, which are to be used for the collection of food waste from communal domestic dwellings across England.*

1.1 Kitchen Caddy

The product should meet the following specification:

- a) Be stackable.
- b) Be available in sizes of 5 litres and 7 litres.
- c) Be of solid-walled construction.
- d) Have a wide aperture to easily empty food into/out of.
- e) To have smooth internal and external surfaces to aid easy cleaning by the householder.
- f) Be dishwasher safe.
- g) Be resistant to chemical detergents and biological matter.
- h) Have a guaranteed life span of 5 or more years subject to proper handling by operatives and residents.
- i) Have a minimum recycled content of 40% post-consumer material.
- j) Available in the following colours: Black, grey, brown or green.
- k) 100% recyclable at the end of life.
- l) Available to be supplied in quantities of half a load, a full load, more than a full load per order.
- m) Available to be delivered to a single point of delivery or several local points of delivery which may or may not necessitate multiple deliveries across an extended time frame, as instructed by the purchaser. Delivery points to be both urban and rural locations within England.
- n) **Optional** - Thermal transfer printing of standard text to the front face of the container to read "Food waste only."
- o) **Optional** - Thermal transfer printing of standard text to the lid of the container to read "Food waste only".

- p) **Optional** - Notched/Braille (both) for visually impaired users alongside maximum printing dimensions.
- q) **Optional** - Available to be delivered to individual householder locations within both urban and rural locations within England.
- r) **Optional** - Be subject to a product take-back (any age, any colour) service to enable recycling of the product.

1.2 Kerbside Presentation Caddy

The product should meet the following specification:

- a) Be stackable.
- b) Be available in 23-litre size.
- c) Be of solid-walled construction.
- d) Have a wide aperture to easily empty food into/out of.
- e) Be resistant to chemical detergents and biological matter.
- f) Have a lockable hinged lid to enable the caddy to be used to present food waste for collection at the kerbside; to ensure the contents are not accessed by animals or spilt if knocked over.
- g) Have a suitably robust handle by which it may be carried while full of food waste and that minimises the need for users to stoop or bend to lift the caddy.
- h) Have a base grip to assist collection operatives in its smooth emptying.
- i) To have smooth internal and external surfaces to aid easy cleaning by the householder.
- j) To be internally configured in such a way as to maximise food waste release during emptying (rounded internal corners and smooth interior).
- k) Designed in such a way as to take current Manual Handling Guidance into account in terms of minimising the risk of Manual Handling injury to users.
- l) Have a guaranteed life span of 5 or more years subject to proper handling by operatives and residents.
- m) Have a minimum recycled content of 40% post-consumer material.
- n) Manufactured using materials stabilised against the effects of UV radiation.
- o) Available to be supplied in quantities of half a load, a full load, more than a full load per order.
- p) Available in the following colours: Black, grey, brown and green.

- q) Thermal transfer printing of standard text to the front face of the container to read “Food waste only”.
- r) Available to be delivered to a single point of delivery or several local points of delivery which may or may not necessitate multiple deliveries across an extended time frame, as instructed by the purchaser. Delivery points to be both urban and rural locations within England.
- s) 100% recyclable at the end of life.
- t) **Optional** - Have a handle at the rear to assist collection operatives in its smooth emptying.
- u) **Optional** - Compatible with the application of RFID tags (LF/UHF) with dedicated housing on the body of the container.
- v) **Optional** - Thermal transfer printing of standard text to the lid of the container to read “Food waste only”.
- w) **Optional** - Notched/Braille (both) for visually impaired users alongside maximum printing dimensions.
- x) **Optional** - Available to be delivered to individual householder locations within both urban and rural locations within England.
- y) **Optional** - Be subject to a product take-back (any age, any colour) service to enable the recycling of the product.

1.3 Communal Wheeled Bins

The product should meet the following specification:

- a) Certified to a minimum of EN840 and be compatible with EN1501.
- b) Be stackable.
- c) Be available in sizes between 120 and 240 litres to enable the use of Communal Housing Units if required, or 4 wheeled bins up to 440 litres.
- d) Be designed specifically for the collection of household food waste. The design incorporates strengthened base and impact columns with impact-absorbing panels.
- e) Be resistant to chemical detergents and biological matter.
- f) Corrosion Resistant Axle.
- g) Solid Rubber Tyres with steel spring-loaded locking pins.
- h) Be compatible with either rear-end loading or side-loading collection vehicle mechanisms as instructed by the purchaser.
- i) Have a reinforced front comb to enable exact locking onto lifting equipment.

- j) To have smooth external surfaces and features to aid cleaning.
- k) To be internally configured in such a way as to maximise food waste release during emptying (rounded internal corners and smooth interior).
- l) Designed in such a way as to take current Manual Handling Guidance into account in terms of minimising the risk of Manual Handling injury to users.
- m) Have a guaranteed life span of 10 or more years subject to proper handling by operatives and residents.
- n) Have a minimum recycled content of 40% post-consumer material.
- o) Manufactured using materials stabilised against the effects of UV radiation.
- p) Available to be supplied in quantities of half a load, a full load, more than a full load per order.
- q) Available in the following colours:
 - Main body – Black, Grey, Brown or Green.
 - Lid section – Colour to be determined by purchaser, but typically Black, Grey, Brown or Green.
- r) Available to be delivered to a single point of delivery or several local points of delivery which may or may not necessitate multiple deliveries across an extended time frame, as instructed by the purchaser. Delivery points to be both urban and rural locations within England.
- s) 100% recyclable at the end of life.
- t) **Optional** - Hot foil printing of standard text to the front face of the container to read “Food waste only”.
- u) **Optional** - Hot foil printing of standard text to the lid of the container to read “Food waste only”.
- v) **Optional** - Notched/Braille (both) for visually impaired users alongside maximum printing dimensions.
- w) **Optional** - To be compatible with RFID chipping if required.
- x) **Optional** - Available to be delivered to individual communal property locations within both urban and rural locations within England.
- y) **Optional** - Be subject to a product take-back (any age, any colour) service to enable the recycling of the product.

1.4 Housing Units for Communal Wheeled Bins

The product should meet the following specification:

- a) Designed to accommodate bins of between 120 litres and 240 litres with the lid left open to allow service users to deposit food waste.
- b) Be a dedicated food waste housing unit and not a modification of an existing litter/recycling bin.
- c) All housing units supplied must conform in all aspects with the requirements of the Law and HSE requirements.
- d) All housing units supplied must be brand new and have a manufacturer's warranty of at least 36 months to include all moving parts and premature corrosion.
- e) All housing units supplied should have a minimum life span of 7 years.
- f) Available in the following colours:
 - Main body – Black, Grey, Brown or Green.
 - Lid section – Black, Grey, Brown or Green.
- g) Be constructed of either powder coated, hot dipped galvanised steel, or ridged plastic.
- h) A single aperture to be located on the top of the housing unit to enable food waste to be deposited by service users.
- i) Design of Aperture handles / user opening mechanism to enable minimal user contact with the housing unit / container, so service users are not discouraged from using the service.
- j) Handles / user opening mechanism to be soft close to avoid injury to service users.
- k) Laser-cut or vinyl signage to read "Food Waste Only" and single council logo in black or white.
- l) Easy to use and accessible to residents with disabilities.
- m) Housing unit and Aperture designed to prevent rainwater ingress to the food waste.
- n) Housing unit and Aperture designed to prevent fly tipping of larger items and reduce contamination of food waste.
- o) Be designed to enable the unit(s) to be set against a solid surface such as a wall /or for multiple units to be sited next to each other.
- p) Be designed to facilitate the easy removal and replacement of the internal bin by operatives.
- q) Have a turn-key slam lock operated by a standard T-Key of compatible type to the requirement of the purchaser.
- r) Be of suitable construction to facilitate and enable regularly clean with a jet wash or similar without paint chip or rusting/damage to the unit.
- s) Be designed to be stored and used outside and robust against all weather conditions.
- t) Be UV stable in all weather conditions.

- u) Must contain a minimum of 10% recycled material.
- v) To be of a Modular Design allowing individual components to be repaired and/or replaced with ease.
- w) Installation – options for installation either by the purchaser or by the supplier – additional cost to be provided per unit.
- x) **Optional** - Handles / user opening mechanism to also be foot operated. Where this option is requested the Foot-peddle must be discrete / within the body / footprint of the housing unit so that it does not cause a trip hazard to service users.
- y) **Optional** – For the unit to be either Fixed to the ground or Weighted with a ballast to prevent the bin and housing being moved from its intended location.
- z) **Optional** - Notched/Braille (both) for visually impaired users alongside maximum printing dimensions.
- aa) **Optional** - Access Control via App with the ability to download usage data.
- bb) **Optional** - Inclusion of Integral Fill-Level Sensors.

2.0 Technical Requirements for Tender Specification

Name of Local Authority: _____

* Replace x with actual number.

- Requirement for up to number of 5 litre kitchen caddy containers.
- Requirement for up to number of 7 litre kitchen caddy containers.
- Requirement for up to number of 23 litre kerbside caddy containers.
- Requirement for up to number of 120 litre communal food waste bins.
- Requirement for up to number of 140 litre communal food waste bins.
- Requirement for up to number of 180 litre communal food waste bins.
- Requirement for up to number of 240 litre communal food waste bins.
- Requirement for up to number of litre of communal food waste bins.
- Requirement for up to number of Communal Food Waste Housing Units suitable for 120/140 litre communal food waste bins.
- Requirement for up to number of Communal Food Waste Housing Units suitable for 180/240 litre communal food waste bins.

2.1 Technical Information

The Tenderer is to complete all sections of this schedule indicating the requirements of equipment offered and any variations from the Specification provided.

Please duplicate if Tenders are submitted for alternative specification of container/housing unit.

2.1.1 Kitchen Caddy

Local authority / procurement authority to specify requirements below:

[x] Replace x with actual number.

Local Authority Requirements	Please provide details e.g., brand name, dimensions
Container make / model.	
Container size [X] litres.	
Solid wall construction.	
Stackable. Stack height of no more than [x] units	
Wide aperture.	
Smooth internal and external surfaces.	
Dishwasher safe.	
Resistant to chemical detergents and biological matter.	
A guaranteed life span of 5 or more years.	
A minimum recycled content of 40% post-consumer material.	
Container colour [black, grey, brown or green].	
100% recyclable at the end of life.	

Local Authority Requirements	Please provide details e.g., brand name, dimensions
Available to be supplied in quantities of half a load, a full load, more than a full load per order.	
<p>Delivery to a single point – [Delivery address].</p> <p>(Dependent on authority size, geographical size and distributor agreement there is scope for multiple delivery points – customer specific).</p> <p>Delivery to multiple delivery points - [customer to provide all address points]</p>	
Option [Thermal transfer printing to the front face of each container to read “Food Waste Only”.]	
Option [Thermal transfer printing of standard text to the lid of the container to read “Food waste only”.]	
Option [Notched/Braille (both) for visually impaired users alongside maximum printing dimensions.]	
Option [Delivery to individual householder locations within [defined geographical area].]	
Option [Container take back available.]	

2.1.2 Kerbside Presentation Caddy

Local authority / procurement authority to specify requirements below:

[x] Replace x with actual number

Local Authority Requirements	Please provide details e.g., brand name, dimensions
Container make / model.	
Container size 23 litres.	
Solid Wall construction.	
Stackable. Stack height of no more than [x] units.	
Wide aperture.	
Resistant to chemical detergents and biological matter.	
Lockable, hinged lid.	
Robust carry handle and base grip.	
Smooth internal and external surfaces with rounded internal corners.	
The design considers Manual Handling Best Practise.	
A guaranteed life span of 5 or more years.	
A minimum recycled content of 40%.	
UV stable.	
Available to be supplied in quantities of half a load, a full load, more than a full load per order.	
Container colour [black, grey, brown or green].	

Technical Requirements for Tender Specification

Local Authority Requirements	Please provide details e.g., brand name, dimensions
Thermal transfer printing to the front face of each container to read “Food Waste Only”.	
<p>Delivery to a single point – [Delivery address].</p> <p>(Dependent on authority size, geographical size and distributor agreement there is scope for multiple delivery points – customer specific).</p> <p>Delivery to multiple delivery points - [customer to provide all address points].</p>	
100% recyclable at end of life.	
Option [Rear handle to assist in tipping/emptying].	
Option [Compatible with the application of RFID tags (LF/UHF) with dedicated housing on the body of the container].	
Option [Thermal transfer printing of standard text to the lid of the container to read “Food waste only”.]	
Option [Notched/Braille (both) for visually impaired users alongside maximum printing dimensions].	
Option [Delivery to individual householder locations within [defined geographical area].]	
Option [Container take back available.]	

2.1.3 Communal Wheeled Bins

Local authority / procurement authority to specify requirements below:

[x] Replace x with actual number

Local Authority Requirements	Please provide details e.g., brand name, dimensions
Container make / model.	
Certified to a minimum of EN840 and be compatible with EN1501.	
Container size [xxx] litres.	
Stackable. Stack height no more than [x] units.	
Designed specifically for the collection of household food waste. The design incorporates a strengthened base and impact columns with impact-absorbing panels.	
Resistant to chemical detergents and biological matter.	
Corrosion Resistant Axle.	
Solid Rubber Tyres with steel spring-loaded locking pins.	
Compatible with rear-end loading or side-loading [delete as required] collection vehicle mechanisms.	
Has a reinforced front comb to enable exact locking onto lifting equipment.	
Smooth external surfaces and features to aid cleaning.	
Smooth internal surfaces with rounded internal corners.	

Technical Requirements for Tender Specification

Local Authority Requirements	Please provide details e.g., brand name, dimensions
The design considers Manual Handling Best Practise.	
A guaranteed life span of 10 or more years.	
A minimum recycled content of 40%	
UV stable.	
Available to be supplied in quantities of half a load, a full load, more than a full load per order.	
Colours: Main body – [Black, Grey, Brown or Green] Lid section – [to be determined by the purchaser, but typically Black, Grey, Brown or Green].	
Delivery to a single point – [Delivery address]. (Dependent on authority size, geographical size and distributor agreement there is scope for multiple delivery points – customer specific). Delivery to multiple delivery points - [customer to provide all address points]	
100% recyclable at the end of life.	
Option [Hot Foil printing of standard text to the front face of each container to read “Food Waste Only”].	
Option [Hot Foil printing of standard text to the lid of the container to read “Food waste only”].	

Local Authority Requirements	Please provide details e.g., brand name, dimensions
Option [Notched/Braille (both) for visually impaired users alongside maximum printing dimensions].	
Option [Compatible with RFID chipping].	
Option [Delivery to individual communal property locations within [defined geographical area].	
Option [Container take back available].	

2.1.4 Housing Unit

Local authority / procurement authority to specify requirements below:

[x] Replace x with actual number

Local Authority Requirements	Please provide details e.g., brand name, dimensions
Designed to accommodate bins of [xxx] litres, [xxx] litres (add as necessary)] with the lid left open.	
Is a dedicated food waste housing unit.	
Conforms in all aspects with the requirements of the Law and HSE requirements.	
Is brand new with manufacturer's warranty of at least 36 months to include all moving parts and premature corrosion.	
Has a minimum life span of 7 years.	
Colours: Main body – [Black, Grey, Brown or Green] Lid section – [Black, Grey, Brown or Green].	
Constructed of [powder-coated hot-dipped galvanised steel / ridged plastic].	
Aperture located on the top of the housing unit.	
Aperture handles / user opening mechanism designed to enable minimal user contact with the housing unit / container.	
Soft close user opening mechanism.	

Technical Requirements for Tender Specification

Local Authority Requirements	Please provide details e.g., brand name, dimensions
<p>Signage:</p> <p>Laser-cut/vinyl signage to read “Food Waste Only” and single council logo.</p> <p>Colour – [black / white]</p>	
Easy to use and accessible to residents with disabilities.	
Design prevents rainwater ingress to the food waste.	
Designed to prevent fly tipping of larger items and reduce contamination of food waste.	
Designed to enable the unit(s) to be set against a solid surface such as a wall /or for multiple units to be sited next to each other.	
Designed to facilitate the easy removal and replacement of the internal bin by operatives.	
Turn-key slam lock operated by a standard T-Key of type [xxx].	
Construction facilitates and enables regularly clean with a jet wash or similar without paint chip or rusting/damage to the unit.	
Designed to be stored and used outside and is robust against all weather conditions.	
UV stable in all weather conditions.	
Minimum of 10% recycled material.	

Technical Requirements for Tender Specification

Local Authority Requirements	Please provide details e.g., brand name, dimensions
Modular design allowing individual components to be repaired and/or replaced with ease.	
Option: [Installation by the supplier. Please provide additional cost (exc. VAT) per unit.].	
Option [Foot operated user opening mechanism with foot-peddle located discreetly / within the body / footprint of the housing unit].	
Option [Unit to be [Fixed to the ground / Weighted with a ballast]].	
Option [Notched/Braille (both) for visually impaired users alongside maximum printing dimensions].	
Option: [Access Control via App with the ability to download usage data.].	
Option: [Inclusion of Integral Fill-Level Sensors].	



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