

Swansea University

Waste Management Guidance Note WMGN07 Glass

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Waste Management Guidance Note WMGN07	
Glass	
Location Generated	Varied
EWC	20-01-02
Type	Controlled Waste Non-Hazardous
Disposal Method	Segregated for recycling
Bin/ Bag Type	External 240l wheelie bins / Clear Bag

Duty of Care Requirements

Any business or public body that generates waste materials should apply the waste hierarchy to all streams in order to minimise the amount of waste sent for disposal. In practice, this means ensuring all wastes are segregated at source and disposed of via the correct stream. General municipal waste should therefore be the last option for waste.

The University has committed to segregating its waste at source and focusing on separating key recycling streams; cans, paper, plastics, food and glass. Segregation at source improves recycle quality and also adheres to the Waste Regulations (England and Wales) 2011. The Regulations stipulate that materials such as paper, metal, plastic and glass must be collected separately if it is necessary to encourage high quality of the recycling of the material.

Though classified as non-hazardous it is a legal requirement under the Hazardous Waste Regulations to segregate hazardous wastes from non-hazardous wastes and to ensure that all wastes are correctly classified. Incorrectly disposing of hazardous waste via the general municipal waste stream can lead to legal and financial penalties dependent upon the severity of the noncompliance.

Recycling glass saves approximately 50% of the energy required to produce new glass. Each ton of recycled glass reduces mining waste by approximately 230 kilograms, reducing environment degradation and saving energy. Glass can be melted down and reformed again continually with little or no loss to its quality.

Glass recycling will include such recyclable items such as;

- Drinks bottle
- Glass food jars
- Coffee jars

Items

Glass waste should be deposited only in the defined general waste bins (typically part of the University's standard "waste quads/duos"). For any material that has an unknown composition and/or contamination, then please contact the Sustainability team (estates-waste@swansea.ac.uk) for guidance and further details.

Under **no** circumstances should

- (a) any recyclables be deposited in the general waste bin – it diverts valuable material from being recovered or recycled and options are available
- (b) Glass food jars must be washed where possible to remove food residue

Disposal Instructions

Internal Bins

Due to low volumes of glass sold and produced on campus, and subject to cost, glass recycling bins are located only in key areas such as the front of Fulton House where glass beverages are on sale from the various food vendors.

External Bins

The University has external 240l green wheelie bins located in all external waste compounds across the University Singleton and Bay Campuses, as well as its satellite sites.



Figure 1 – Swansea University external 240l Glass Wheelie bin

Please rise out food jars and drinks bottle where possible before placing items into the external glass recycling bins. Items glass jars containing hazardous substances must not be placed into the external glass recycling bin. Please see **WMGN23 Laboratory Glass and Glass Sharps** for guidance on the disposal of laboratory glass.

Disposal Cost

The disposal cost is factored into the University's waste management service provision; therefore there is no direct cost to individuals/Colleges/PSUs. However individuals can minimise cost and contribute the University's target to achieve 63% diversion rate away EFW or landfill by utilising the general waste stream only when required.

Labelling

See template

For further guidance please contact estates-waste@swansea.ac.uk

