

Project: Audemars Piguet Townhouse Manchester

Site Waste Management Plan

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OFFICIAL – Protected

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Site Waste Management Plan

1. Introduction

The objective of this waste plan is to minimise the fit-out construction waste generated during project execution, reducing the damage caused to the natural environment. The plan is as follows; prevent, adapt, re-use, recycle, recover, dispose.

We will seek to adapt or re-use materials on site wherever feasible. For example, inert materials may be crushed and re-used; excess materials may be sent back to suppliers, transferred to other sites, or made available for industrial symbiosis or other take-back schemes.

Every opportunity will be considered to recycle any waste that is produced, and which cannot be returned, recovered, or re-used, in order to minimise the overall waste sent to land fill. Waste that is not re-used on site will be removed by an approved Waste Contractor to a licensed, processing facility. We require recycling rates in excess of 85%. Waste Transfer Notes and subsequent waste breakdown analysis will be tracked to ensure targets are achieved to promote resource efficiency and the diversion of waste from landfill.

2. Minimising Waste on Site

Portview is fully committed to the minimisation of construction waste produced throughout all stages of fit-out in support of a zero-waste economy. We will endeavour to maintain a close association with our supply chain throughout the project to:

- avoid over ordering of materials.
- minimise associated packaging.

To minimise waste on site, we will both recycle and use recycled materials i.e. recycled material such as some types of plastics can be re-used many times.

We plan to recover as many materials as possible.

As part of our waste prevention plan for demolition, refurbishment, or fit-out, we aim to keep our project waste levels diverted from landfill at 85% or more. We also aim to generate less than 3.5 Tonnes of construction waste per 100m² of the fit-out.

No.	Objective	Responsibility	Evaluation Criteria	Target
1	%Waste to Landfill.	Site Environmental Manager / Champion	Landfill(T) / Waste (T)	< 5%
2	Minimise generation of fit-out construction waste.	Site Environmental Manager	Tonnes of construction waste per 100m ² of the fit-out.	< 3.5T

Actions:

- Monitor and measure by weight (Tonnes) the proportion of collected waste sent to landfill.
- Monitor and measure by weight (Tonnes) the amount of fit-out construction waste per 100m².



3. Maximising Reuse

We will apply 2 types of re-use activity:

- Conventional re-use of products designed to be used several times before disposal (e.g. pallets).
- Alternative use solutions for products once they have served their original purpose (e.g. demolition rubble being crushed and used as fill material or bricks being cleaned and sold as a recovered building material).

If existing, fixtures, fittings, and loose items of furniture will be assessed for reuse and will be safely removed, protected, and stored off-site until needed afterwards.

Likewise, if existing, feature timber products will be identified for reuse, and this will be reflected by joinery provisions in the project plan.

Actions:

- Establish 'Material Tracker' to assess, record, reserve, store, and reuse materials tracked for redeployment.

4. Monitoring Waste on Site

Throughout project duration we will monitor and manage waste in accordance with our Environmental Management System which is accredited to ISO 14001:2015. Portview's Quality & Environmental Manager will request copies of:

- Waste Carrier licences
- Waste Transfer Notes (WTN)
- Hazardous waste consignment notes should these arise.
- A waste analysis report to detail the breakdown in waste recycling to ensure targets for landfill diversion are achieved.

Portview Site Manager will ensure:

- Site induction for subcontractors to include the safe handling and segregation of waste.
- Waste is segregated on site into suitable, labelled containers.
- An approved Waste Management Contractor collects the waste.
- Waste transfer notes are issued to the site team for signature and collection approval. A copy will be sent to Portview's Quality & Environmental Manager.

5. Access and Egress

The Site Delivery Plan details the safe access and egress routes for the project site. The delivery and removal of materials and waste will be arranged by the Site Manager to comply with any applicable local government regulations and to ensure minimum disruption to the public.

Loading / unloading will be directly supervised and controlled by a banksman wearing a high visibility vest.

All reversing of vehicles including skip trucks and lifting/lowering of skips will be directly supervised by a banksman wearing a high visibility vest. Contractors removing their own waste are to demonstrate compliance to the Site Manager and provide copies of all WTN's as required by Law.



6. Waste Handling Measures

The nature, location, scale, and practical logistics of the project and the estimated volume and mix of waste types produced will inform the waste handling measures required as described below. Most waste types will be collected in a skip/bin of appropriate size labelled as 'Mixed Construction' to be processed by a recycling facility.

6.1 COSHH: Control of Substances Hazardous to Health

Examples of COSHH waste include concrete additives, asbestos, contaminated soils, preservatives, adhesives, paint and paint tins, varnish, solvents, fluorescent light tubes, lead-acid batteries, contaminated packaging, silicone/sealant tubes.

A COSHH risk assessment must be in place supported by its material safety data sheet and available on Procore. Contact a member of the Health & Safety team for guidance and support.

Red, labelled, COSHH bins of appropriate size will be located on site in an area conforming to COSHH assessment controls. Spill kits, first aid kits, and fire suppression equipment must all be located nearby.

Site Managers must ensure all COSHH waste is segregated for disposal. When a bin is full, the Site Manager shall contact an approved waste carrier to arrange removal and replacement of the bin. A 'Consignment Note' must be issued with the Waste Transfer Note for collection – both must be counter-signed to indicate Portview approval.

Separate guidance applies to WEEE (electrical) waste which should be considered on a case-by-case basis. Keep the items separate. Set the items safely and securely to the side of the red COSHH bin.

The Site Manager must contact an approved waste carrier to order a 'coffin' for fluorescent tubes etc. and/or to discuss the other items for safe disposal.

6.2 Plasterboard

Plasterboard will not be treated as COSHH if this waste is SEGREGATED. The Site Manager shall order a separate skip/bin and label it. For smaller sites, bin size can vary. If the site is really tight for space, arrangements may be made with an approved waste carrier for the site to bag the waste and put it (separately) on the top of mixed waste.

6.3 Demolition and Excavation

Because we must account for all significant waste generation, all waste produced by demolition or excavation companies and requiring as a minimum, a skip for removal, must be notified to ISO Systems Support. Quantity Surveyors must ask the contracted company to send copies of Waste Transfer Notes by email to

environmental@portview.co.uk

7. Biological Hazards

The presence of rats on construction sites should be discouraged so far as is practicable, but to some extent can be unavoidable, and carries with it the risk of Weil's disease. The Site Manager is responsible to perform a weekly site inspection of the health and safety, and environmental conditions on site. The presence of vermin, if discovered, will result in the following precautionary measures:

- Area affected to be quarantined off.
- Site personnel to be notified and encouraged to be vigilant and apply regular handwashing.



- Contracts/Project Manager, Head of Health & Safety and the Quality and Environmental Manager to be informed as soon as practicable.
- An approved pest control agency will be used to treat the affected area and dispose of any contaminated waste.

The Site Manager will use the opportunity as necessary, during site induction or daily activity briefings to inform site personnel of the presence of any biological hazard and appropriate behaviours:

- Dispose of waste food etc. properly.
- Do not handle the carcasses of dead rats, etc. if found on site.
- Wash your hands and forearms regularly using hot water and soap. If clothing is contaminated, then bag it and wash it.
- Cover up any cuts and abrasions with waterproof dressings where there is any risk of rats. If you cut yourself whilst at work, get it treated by a doctor/nurse.
- Consider the use of suitable PPE to assist in protection (i.e. coveralls).

Actions:

- Perform Environmental Inspection at monthly intervals.