

REFUSE STORAGE CHAMBER DESIGN GUIDELINES



To allow flexibility of design, it is not intended to lay down hard and fast regulations for the regulations for the construction of refuse storage chambers. Below are listed the points that the basis for an ideal refuse storage chamber.

1. ENCLOSED ALL ROUND

The refuse storage chamber should be roofed to prevent any rain from entering. The walls should be ± 2 m high and constructed of concrete or brick.

2. VENTILATION

The refuse storage chamber shall be adequately ventilated by providing an opening of $\pm 0, 5$ cm between the roof and walls all round.

3. LOCKABLE DOUBLE DOORS

Unauthorised access to the refuse chamber should be eliminated and vision into the chamber should be restricted. The chamber should be provided with solid hardwood lockable doors with a width of 1,5m minimum swinging out 180 degrees. Door stoppers should be provided to prevent doors from being damaged when opened at maximum. Doors should also be able to be secured in an open position.

4. FLOORS

The floors shall be concrete screeded to a smooth surface to allow easy washing and to prevent Ingress of spilled refuse.

5. WATER SUPPLY AND DRAINAGE

A tap shall be provided in the storage chamber for washing containers and cleaning spillage. The floor should be drained towards a gully linked to a drainage pipe which discharges to a sewer gully the building. [NB Sewerage regulations do not allow unroofed floors to drain into a sewer]

6. ACCESS

Council vehicles will normally not enter on the private property. Refuse storage areas should be provide at the entrance to the premises and have access to the nearest vehicular access point. In exceptional cases where this is not possible the refuse storage area may be located elsewhere, but not exceeding 18 metres from the nearest vehicular access point. Where ramps are necessary the maximum permissible gradient should not exceed 1:10 in order that wheeled sprico containers can be moved with ease.

7. CHAMBER SIZE

Every wheeled 1,1m³ sprico container needs a floor space of 1, 5m x 2m. For every 10 households two wheeled sprico containers are required in areas where refuse collection are made once a week. Additional space should be provided to allow for manoeuvring containers.

Cases where the above ideal cannot be achieved can be discussed with Waste Management on telephone numbers 041 5065217.