

The CUBE



MADE IN CANADA

 The semi-buried container: an environmentally friendly solution

Technical specification

The use of plastic confers distinct advantages to Ecoloxia products:

It simplifies the maintenance of facilities and is resistant to the freezing and thawing cycles that characterize the North American climate.

It does not rust, does not crack, is resistant to shock and friction, unlike concrete and steel.

It retains its beautiful appearance over time.

Lightweight, it is easy to handle and install.

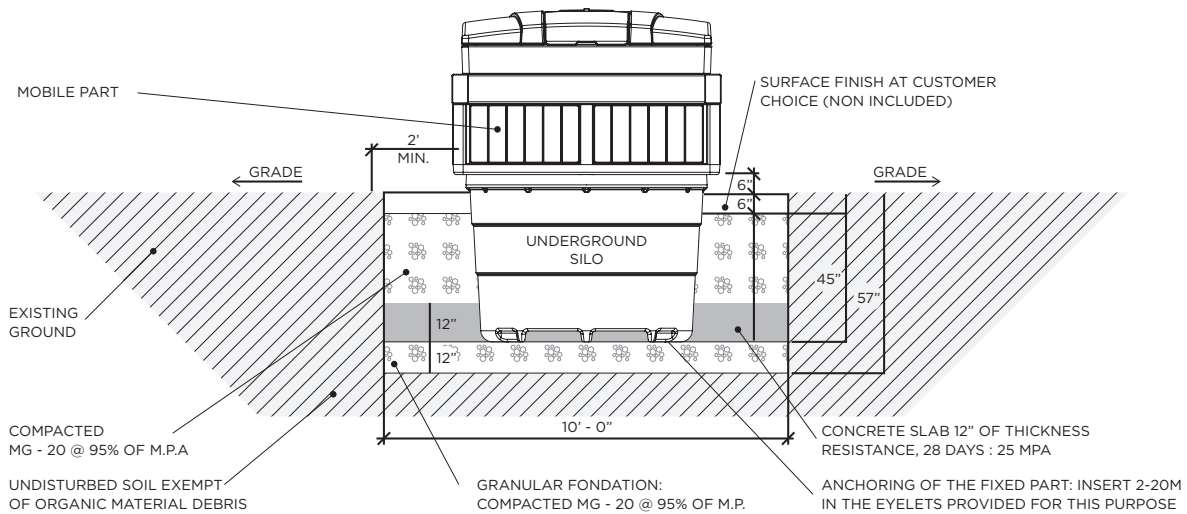
Type	▶ Semi-buried
Capacity	▶ 5m ³ / 6,5y ³
Measurements	▶ 2032 x 2540 x 2032 mm 80 x 100 x 80 in
User dimensions	▶ 2032 x 1168 x 2032 mm 80 x 46 x 80 in
Installation depth	▶ 1219 mm / 48 in
Aperture	▶ 500 x 560 mm / 20 x 22 in
Materials	▶ Rotational moulded polyethylene and powder coated steel
Color	▶ RAL7024 (dark grey)
Standard Equipment	▶ Underground silo ▶ Container with strong lifting frame ▶ Main lid with tough hinges ▶ User lid on front side ▶ Decorative paneling (in different colors)
Accessories	▶ Front aperture for cardboard ▶ Gravity lock for main lid ▶ Triangular 1/4 turn lock for user lid

The Advantages of the semi-buried, front-loading waste container

- Time saving: the collection requires 30 to 45 seconds, considerably less than traditional solution used in semi-buried
- Less frequent collections: the container capacity allows more time between collections while limiting the odors to escape.
- Profitability: collection costs are reduced by more than half.
- No risk of liquid leaks, reducing maintenance and preventing soil contamination.
- Safe design, eliminating the risk of accidental fall.
- Fits in the layout due to a wide range of precast panels of different colors.

Installation Schema*

6y³ model illustrated as indicative purpose only



*The installation instructions for the container (s) must be followed in order to maintain the validity of the warranty

Container installation Manual

All work must be performed safely and within industry standards, in accordance with the procedures, rules and regulations of safety at work. Installation of the products must be made by qualified professionals in accordance to this manual.

If necessary interim storage, it must be made appropriately on a flat base, free from sharp that could damage the tank. The point should be clearly specified/provided before installation:

- Implementation plan clearly indicating the location of story tellers,
- Designation of the location/containers on the ground (ground marking the exact location, indicating the height of the planned surface finish)

The bottom of the excavation must be made of a dry ground, free of debris and matter organic avoid rework the bottom of excavations. To ensure adequate working space excavated pit must be wider each side of the container by 26"^{1/4} and the distance between the containers must be at minimum of 30". The depth of the installation pit must be 57".

Begin implementation:

Following the creation of a granular base of 12" using MG-20 compacted 95%, put the container in place and insert 3/4" rebar in the holes at the bottom of it. Cover the reinforcing bars by a concrete footing of 12" thick (1m³), insert wooden cross duly provided then backfill using gravel 0-3/4 by compacted lays of 12". During compaction, it is necessary to take care to avoid to damage container. It is recommended to backfill in one day.

A rigorous support

For Ecoloxia, good business relationship is going over the sale of products. This is why it ensure his presence as much as possible and make follow up quickly and efficiently to their customers, both for installation of containers and for answering questions that may occur.

