

# ECOdip

Underground waste collection containers



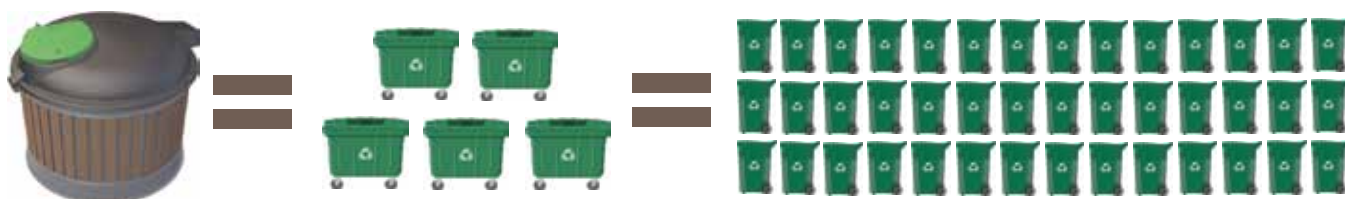
 **ECOdip**

**MORE** for nature

Same as in Slovenia, the amount of waste is constantly increasing in most other countries too. A rapid growth of the quantity of waste, numerous negative ways in which it affects the environment, and the growth of environmental awareness have accelerated the changes in the field of waste management, reflected by the new legislation and constant development of environmentally friendly solutions.

## Revolutionary solution – UNDERGROUND WASTE COLLECTION

To this end, Aplast has developed a container for deep waste collection ECOdip.



They are distinguished by up to **5x** larger collection volume compared to conventional plastic waste containers, which significantly reduces the frequency of waste disposal, and consequently rationalizes the cost of removal and reduces the amount of noise in the surroundings.



### More space for nature

70% of the volume of the ECOdip container is located below the ground.

This contributes to a more harmonious appearance of the environment and greater integration of collection containers into the environment. The mass of the waste being piled one onto the other causes a gravitational compression that reduces the volume of waste. The low temperature of the soil and the 100% waterproofing of the collecting vessel neutralize the odors caused by the decomposition of the waste.

### High quality, extremely long life

- ECOdip containers are made of HDPE that is not harmful to health and is very resistant to impact, large temperature differences, harmful UV radiation and mechanical damage.
- The obtained certificate of the highest quality of ECOdip containers is our guarantee for the topof-the-line quality and long years of successful ecological waste management. Due to their exceptionally light weight of ECOdip containers, they are quick and practical to place and simple to maintain.
- Guaranteed life expectancy of the housing material of the container is 20 years. They are technologically suitable for emptying by classic waste pick-up vehicles.

The height of the lid of 1.1 m is sufficient also for users with reduced mobility and children from seven years on.

## Possibility of integration with intelligent systems, fire extinguishing system

The basic type of the underground waste collection container is manufactured in such a way, to simply upgrade with advanced monitoring technology. This allows intelligent management application, access control of the magnetic card, a mobile application, a sensor for monitoring the level of waste in the container with an analysis of emptying monitoring and logistic optimization of waste removal. You can also order fire protection that automatically extinguishes the fire and prevents re-ignition.



## In consideration of separate waste collection

In accordance with modern demands of sustainable development, ECOdip containers for non-biological waste have colour coded covers for the recycling of individual waste types, which makes them especially suitable for separate collection in the areas of waste generation for further processing.

Size and fit of the cover (upright or flat) is adjusted to your wishes and needs.

You can also select an ALU lid and an INOX collecting drum.



## An innovative way of emptying



We use a textile bag or plastic or metal insert for non-biological waste, and a metal insert for bio-waste.

Only 1 operator is needed for emptying, which is also performed less often due to the volume of the container.

The bag or inner container is emptied directly into the waste disposal vehicle. The collecting vessel remains dry and clean in the long run, which also provides a more hygienic working environment for municipal workers and users.

The vessels are technologically suitable for emptying with waste disposal vehicles, as they are equipped with European recognized grips for safe installation, lifting, emptying and manipulation of lifting devices already installed in vehicles. A single lifting grip is used for textile collecting bags, double, triple lifting grip and Kingshoffer system for emptying metal inserts.

Single lifting grip



Double lifting grip



Triple lifting grip



Kinshoffer system



## Different sizes and options

ECO dip containers are available with wooden, wood polymer composite and aluminium cladding allowing even greater integration into the environment.

They can be ordered in 1300l, 3000l, 5000l and aboveground version.

### ECO dip for biological and non - biological waste

model	volume in l	diameter in mm	weight in kg
ECO dip M 1300	1300	850	180
ECO dip M 3000	3000	1250	400
ECO dip M 5000	5000	1600	590

### ECO dip for non - biological waste - textile bag

model	volume in l	diameter in mm	weight in kg
ECO dip M 1300	1300	850	110
ECO dip M 3000	3000	1250	180
ECO dip M 5000	5000	1600	240

Metal and plastic insert

Textile bag



INNER STEEL



INNER PLASTIC



STANDARD



QUICK LIFT



The required depth of digging when installing a container is 150 cm. Installation of the container is carried out in accordance with the instructions of the manufacturer. When installing several containers in one place (e.g. ecologic islands), the recommended distance between individual containers is 80 cm.



## Professional help and assistance

- When installing ECOdip containers, we professionally ensure proper installation of the collection container, as well as provide advice regarding the selection of a suitable location. An appropriate location must enable both an easy access to the collection container, as well
- An appropriate location must enable both an easy access to the collection container, as well as an easy access for the pick-up vehicle.
- When selecting the location, we also take into consideration that there are no objects in the vicinity of the collection container, which would hinder access or pick-up (e.g. electric cables).

## Verified solution and quality

- Because of their numerous advantages, ECOdip containers are a popular solution both at home and abroad.
- Produced according to EN 13071 standard.
- The production activity is certified according to quality standards and environmental standards - ISO 9001 and ISO 14001 - and takes into account all the guidelines of the valid European standards and recommendations of individual countries.





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