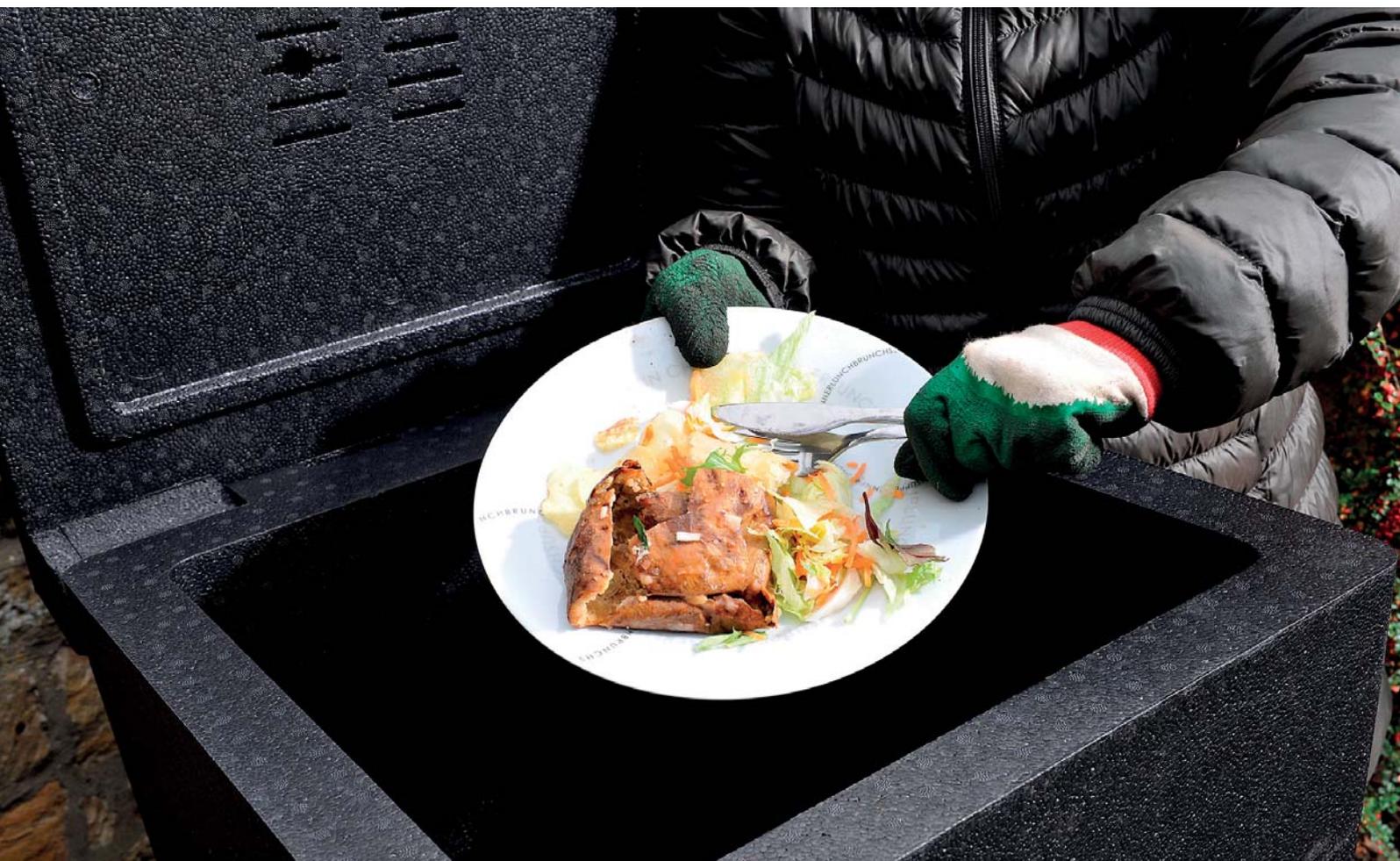




COMPOST IN JUST 30-90 DAYS

Send Less Waste to Landfill and
Create Organic Compost Fast



Designed and Manufactured in the UK
www.hotbincomposting.com | 0808 168 8499

Press Pack

What Is HOTBIN?

HOTBIN is a hot composting bin that reduces the amount of waste sent to landfill by composting a wider variety of waste, all without the traditional composting problems of odours, flies, turning and tumbling.

Operating as an aerobic compost bin, the HOTBIN composts up to 32 times faster than traditional cold composting systems and can produce mulch in 30 days and rich compost in 90 days.

By reaching and sustaining hot composting temperatures of 40-60°C, waste materials such as cooked food, meat and bones – usually discouraged from being added to cold compost bins – can go into the HOTBIN. At these temperatures, the HOTBIN can also kill off weed seeds, pathogens and fly larvae.

HOTBIN has been designed to reduce odours commonly associated with the attraction of flies and vermin. The composter is a sealed unit and includes a built-in bio-filter to reduce odours.

How It Works

HOTBIN is manufactured from expanded polypropylene (EPP), the unique material properties of which insulate the heat generated naturally by bacteria as it breaks the waste down in the HOTBIN. No additional heating source is required in the use of the bin.

Waste is added into the HOTBIN along with shredded paper to control moisture and bulking agent (woodchip) to provide airflow. Working as an aerobic composter, air is drawn into the HOTBIN through the mesh plate at the bottom of the unit, up through the waste then expelled as steam through the valve in the lid.

HOTBIN is a continuous composter; with waste added into the top of the bin and compost removed via the hatch located at the bottom. A thermometer situated in the lid allows the user to monitor the internal temperature and to know when the HOTBIN is hot composting.

The Background

An unruly compost bin sparked the design and development of the HOTBIN by inventor Tony Callaghan of AC Innovations Ltd. Tony spent two years getting to grips with science, technology and going back to the basics of industrial composting to develop a bin that would reverse overnight how much waste is sent to landfill.

“Home composting has historically been restricted by the limitation on the types of food you can actually compost, the time it takes to get results and the effects of odour that attracts unwanted visitors.”

Tony turned his attention to developing a hot composting bin and after many trials and to the delight of his wife, Tony's final design was true to its name. Launched to the public in late 2011, the HOT composting bin, aptly named the HOTBIN could reach temperatures of 40-60°C and produce compost in 30-90 days by composting more types of waste quicker than traditional cold composting heaps.

Material Information

The HOTBIN is made from ARPRO® Expanded Polypropylene also known as EPP, a material from the same family as polystyrene with the same inherent insulation properties but far more durable. ARPRO® is widely trusted for use in children's car seats, bicycle helmets and used as impact protection in cars.

Lightweight (96% air), the material has a high strength to weight ratio, is non-toxic, waterproof and 100% recyclable.

For more information on expanded polypropylene visit www.arpro.com.

About HOTBIN

HOTBIN is manufactured in the UK at DS Smith Foam Products in Northampton. DS Smith has been involved with the development and manufacture of the HOTBIN from the very beginning. In December 2013, DS Smith Foam Products agreed an exclusive UK business licence agreement with AC Innovations Ltd to manufacture and distribute HOTBIN. Following two very successful years, on 18 December 2015 the Patent, Trademark and HOTBIN business was fully assigned by AC Innovations Ltd to DS Smith Foam Products.

HOTBIN is a 200l wheelie bin sized composter and retails for £195.

Feedback/reviews/awards

Grow Your Own Award: Best New Product 2012

Great British Growing Awards: Best New Veg Growing Product - 3rd Place 2015

Great British Growing Awards: Most Effective Composting Product - Bronze 2016

For more information

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