

DualPakECO® CERTIFIED COMPOSTABLE FOOD TRAYS



**2023 SUSTAINABLE PACKAGING DESIGN
OF THE YEAR - COMPOSTABLES
GOLD WINNER**



**2023 FOOD PACKAGING
DESIGN OF THE YEAR
HIGH COMMENDATION**

WORLDSTAR
WINNER
2024



Confoil & BASF

DualPakECO® certified compostable food trays

Key Outcomes and Measurement

- Dual ovenable trays for 40 minutes, up to 180 degrees and also microwavable
- Meets the 2025 National Packaging Targets
- Ecovio® is a certified compostable biopolymer specially developed for coating food packaging made of paper or board
- Alternative to conventional PET packaging for ready-to-eat meals
- Certified compostable to AS 4736-2006 Australian Standard
- Made in Australia with paper coated on the inside with BASF biopolymer ecovio® PS 1606

Sustainable Packaging Guidelines



Design to Reduce Product Waste



Use of Renewable Materials



Optimise Material Efficiency



Provide Consumer Information on Sustainability



Product: DualPakECO® certified compostable food trays
Company: Confoil & BASF
Country: Australia

The Confoil story began over 55 years ago in 1966. Their humble beginnings commenced as they embarked on the design and manufacture of a wide variety of foil trays and containers in large array of shapes and sizes. Since that time, their diverse range of products have grown substantially, now consisting of over 350 individual food packaging items. Foil trays and containers are at the core of their business; however, Confoil's range has extended to include their innovative DualPak and now, DualPakECO® pressed paperboard ready meal trays. Confoil is a proudly 100% owned and operated Australian family business. To them, being local means that they are able to be responsive to their customer needs, engage as an active part of our community and support the creation and continuation of local jobs. These are contributions they are extremely proud of. Their head office and expansive manufacturing facilities are located in Bayswater, Melbourne. Confoil has operations nationally and throughout New Zealand.

COORDINATED BY



ANZ REGIONAL AWARDS PROGRAM



INTERNATIONALLY ENDORSED BY



EXCLUSIVE ENTRY TO



- ✓ ***Transition from a PET lined paperboard tray to a compostable ECO tray provides a certified end of life option for food packaging.***
- ✓ ***The ecovio® coating helps reduce the amount of single use plastic trays in the food industry.***
- ✓ ***Supports our commitment to Australian National Packaging Targets and helps promote a sustainable end of life solution for food-based packaging.***

In the context of your packaging innovation, what do you see as Sustainable Packaging?

Meri Boric, Marketing Manager, Confoil says, "Sustainable packaging for food needs to protect the scarce resources involved across the production and distribution of the product, help reduce food waste and be reusable, recyclable, or compostable to provide the highest potential environmental and societal value. A certified compostable product that can provide the benefits of a fossil fuel product with a circular end of life solution meets the needs of today and the future."

What would you say were the decision-making drivers (Internal and External) influencing your packaging design?

Confoil wanted to create a paper-based food tray that meets all the food industries' requirements but with the added benefit that it is certified compostable. With BASF's certified compostable biopolymer ecovio® PS1606 they have found the ideal component to take the next step towards sustainable solutions in their portfolio and to help their customers reach their sustainability targets. Their joint development represents a shift to paper-based and certified compostable material in order to support the Australian National Packaging Targets which aims at reducing the impact of packaging on the environment.



What benefits does this new design offer your business and your consumers? Why is the pack more sustainable?

- Commercially compostable solution extends end-of-life options for paper-based food packaging and supports organics recycling.
- Performance regarding processing, sealing, printability and strength are on the same level as conventional PET food trays.
- Food trays can be used both in the microwave and conventional ovens, in fridges and deep freezers.
- The trays extend the end-of-life options for paper-based packaging by being organically recyclable: They can be commercially composted with the organic waste collected in organic waste bins. Thus the new packaging solution supports organics recycling.

What volumes of materials, packaging and waste have you saved by designing this new packaging?

Did you do this through changing materials, lightweighting, recycled content, making the packs recyclable or reusable?

- 10% weight reduction per tray (compared to the DualPak) – lighter material involved in the product.
- 95% less plastic than the standard plastic food tray (5% covers the lidding).
- Would save 19 tonnes of plastic for every 1 million single serve ready to eat meal trays sold.
- Eliminates problematic single use plastic lining from standard paperboard food trays – reducing virgin plastic use.
- Certified compostable to the AS4736-2006 standard (and recyclable) to reduce landfill waste and support circular economy outcomes for food-based packaging.
- Made from renewable material.



How much on-pack and off-pack information do you provide your customers?

Wherever practically possible, Confoil promote their AS4736-2006 certification across the DualPakECO® tray and associated marketing materials to ensure their DualPakECO® product has the best chance of achieving end of life recycling.

On your entry form you would have indicated the companies/individuals involved in the development of the sustainable packaging design.

Can you explain each of their roles?

DualPakECO® was co-created in partnership with BASF, world leaders in the development of certified compostable biopolymers. In house, Confoil's production and new product development teams were instrumental in ensuring the successful manufacturing of this tray.

What do you feel will be needed to further improve packaging design in the future? (e.g. education, investment, policy/legislation, tech, etc?)

We need a combination of policy, technology, and education to help improve kerbside composting collections to ensure the highest potential environmental value is achieved for food-based packaging. Composting of certified food packaging can help reduce food waste and provide benefits to the agricultural industry in a circular economy system. To realise the full benefits, we need consistent policy from governments at all levels, improved technology within the collection and sorting system to eliminate contaminants, and increased education to help drive the required outcomes.

What does your company have planned in the future? Any new innovations on the horizon?

With the introduction of DualPakECO, Confoil are now striving to achieve further development in the sustainability space, particularly looking at packaging innovation which helps aid in extended shelf-life options, thus aiding in reducing food waste.



As a winner of the PIDA awards, how valuable is the award to your organisation?

Meri Boric, Marketing Manager, Confoil says, "We are incredibly honoured on being recognised for our development of DualPakECO. It is the first time Confoil has achieved a gold award and we are extremely proud of the recognition for our innovation in the sustainable space."



You have been awarded a WorldStar Packaging Award. What does this mean to your business?



"As a 100% family owned Australian business, we are proud to say that our certified compostable DualPakECO® trays are made at our manufacturing facilities located in Bayswater, Melbourne. Helping to support local jobs and the wider community, the development of DualPakECO® trays brings our commitment to sustainability, innovation and expertise of food packaging products to the fore. We are greatly appreciative of the recognition from the World Packaging Organisation. Special thanks to our innovation partner BASF and of course, thank you to all of our customers who continue to support Confoil, says Tammy Arhontissas, Director of Sales, Confoil.



The Australasian Packaging Innovation & Design (PIDA) Awards are an Australia and New Zealand program that is coordinated by the Australian Institute of Packaging (AIP). The awards recognise companies and individuals who are making a significant difference in their field across Australia and New Zealand. The PIDA Awards are the exclusive entry point for Australia and New Zealand for the prestigious WorldStar Packaging Awards.

The Design Innovation of the Year company awards recognise organisations that have designed innovative packaging within each of these six manufacturing categories:

- Food
- Beverage
- Health, Beauty & Wellness
- Domestic & Household
- Labelling & Decoration
- Outside of the Box

There are four special awards available:

- Sustainable Packaging Design
- Save Food Packaging Design
- Accessible & Inclusive Packaging Design
- Marketing Award

The **Sustainable Packaging Design Special Award** is designed to recognise companies that have developed innovative packaging solutions that incorporate sustainability considerations. All entries are judged on Sustainable Packaging Design considerations such as social impact, material, source reduction, energy and recovery and what packaging changes the company is undertaking to meet the 2025 National Packaging Targets. This is also a WorldStar Packaging Awards category.



The Australian Institute of Packaging (AIP) is the peak professional body for packaging education and training in Australasia. The AIP helps shape the careers of generations of packaging professionals – from packaging technologists to international packaging business leaders along with a host of people in associated disciplines – sales and marketing, purchasing, production and environment.

Australian Institute of Packaging

Australasian Office: info@aipack.com.au For PIDA enquiries: pida@aipack.com.au