

# Circulum® Balance

Sustaining quality,  
reducing carbon footprint

Welcome to a new era of material innovation with Circulum® Balance. Crafted for performance and designed for sustainability, our certified EPS products reduces CO<sub>2</sub> emissions while maintaining premium quality.

Circulum® Balance is based on a blend of virgin and recycled material allocated through the mass balance approach, ensuring that every product partakes in a larger cycle of reuse. This method not only maintains the performance of traditional materials but decreases the CO<sub>2</sub> footprint. It's about making responsible choices without sacrificing quality.

**BEWI**



# Reduce CO<sub>2</sub> emissions and avoid taxes



Food approved, certified and documented Circulum® Balance has the same properties as virgin material and offers a documented CO<sub>2</sub> reduction.

## Reducing environmental footprint

Circulum® Balance is proven to reduce CO<sub>2</sub> emissions. Each tonnes of Circulum® Balance replacing virgin materials saves up to 60% of CO<sub>2</sub> emissions, contributing to global efforts to mitigate climate change. An Environmental Product Declaration (EPD) accompanies the product, offering transparent and verified data on its environmental performance.

## Compliance with EU legislation and avoidance of plastic tax

In response to new EU regulations and directives, as well as national plastic taxes aimed at increasing recycled content in products, Circulum® Balance provides a strategic advantage. By using our material, you can comply with legal requirements, avoid taxes, and reach your climate reduction targets.



# Product applications and certification

Circulum® Balance excels across multiple applications, ensuring versatility without compromise. From insulating homes to protecting goods during transport, our products maintain the highest standards of quality and efficiency.

## Specifications:

- **Packaging solutions:** Ideal for food contact, ensuring safety, insulation and durability.
- **Construction materials:** Perfect for high-performance insulation and specialised building needs, with optimal environmental credentials.

## Certification and verification by REDcert<sub>2</sub>

Our commitment to quality and sustainability is verified by REDcert<sub>2</sub>, a respected third-party certification that rigorously audits and confirms our material flows.

## Product overview

### CIRCULUM® BALANCE B-grades

GRADE	SIZE	% RECYCLED	FOOD CONTACT	BLOCK	MOULDING	INSULATION PERFORMANCE
B-780 MB30	0.6 - 1.0 mm	30%	★★★	■	★	
B-980 MB30	0.4 - 0.7 mm	30%	★★★	■	★	

### CIRCULUM® BALANCE K-grades

GRADE	SIZE	% RECYCLED	FOOD CONTACT	BLOCK	MOULDING	INSULATION PERFORMANCE
K-710 MB30	0.6 - 1.0 mm	30%	★★★	■	■	★★
K-910 MB30	0.4 - 0.7 mm	30%	★★★	■	■	★★

## EXPLANATION

- Suitable for this application of processing.
- ★ Tolerable performance for this application.
- ★★ Good performance for this application.
- ★★★ Very good performance for this application.



# BEWI



## Our commitment - your opportunity

At BEWI, we are dedicated to lead the change to a circular economy for our industry. Our Circulum® Balance product line is part of a broader commitment to reduce, reuse and recycle, embodied by our comprehensive waste management and recycling initiatives.

Our **Circular** division leads in total waste management, ensuring that used EPS is not only collected but also repurposed into high-quality rGPPS granules. By partnering with us, you embrace a circular economy, contributing to a sustainable future while benefiting from immediate CO<sub>2</sub> savings and maintaining operational efficiency.

Contact us to learn how we can support you in meeting your sustainability goals through our products and services.

**Let's develop together ...**

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