

Fully Recyclable and Avoiding Microplastics.

Commitment to Sustainability

At JUMBO BLOCK®, our commitment to sustainability goes beyond simply creating effective solutions for water management.

We are dedicated to protecting the environment through every step of our production process, from the materials we choose to the long-term impact of our products on the ecosystem.

1. Avoiding Plastics

One of our core principles is the avoidance of plastics.

Plastics, particularly microplastics, pose a significant threat to the environment, as they can infiltrate soils, water bodies, and the food chain, causing harm to both wildlife and human health.

At JUMBO BLOCK®, we make a conscious decision to use natural materials in our products. By eliminating plastics from our production, we reduce the risk of these harmful substances contaminating our environment.

Our focus is on energy-saving solutions and the use of recyclable moulds, which not only enhance the quality of our products but also ensure that our manufacturing process leaves a minimal environmental footprint.



2. Sustainable Building Materials



We place a strong emphasis on using sustainable building materials.

Our JUMBO BLOCK® products are typically made from CO₂ reduced green concretes, aiming to significantly lower the carbon emissions compared to traditional concrete production where possible.

Additionally, we strive to source our raw materials locally whenever feasible, which helps reduce the environmental impact of transportation and supports regional economies.

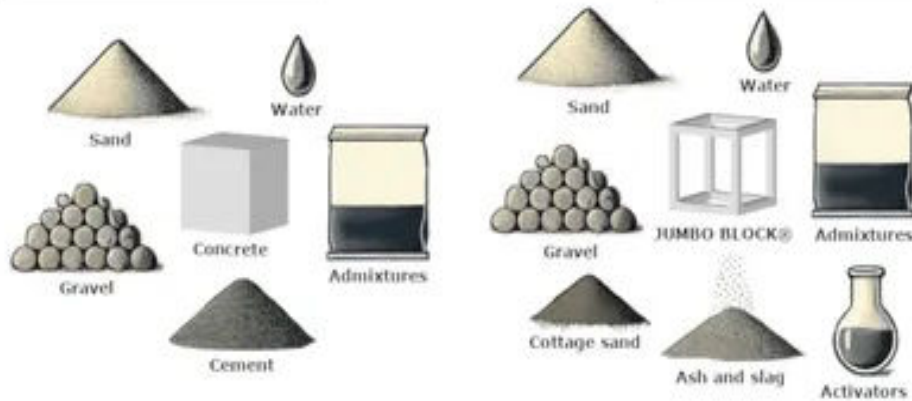
Our research and development team is continuously working to improve the energy balance of our building materials, making them even more environmentally friendly.

This dedication to sustainability ensures that our products not only perform well but also contribute to a healthier planet.



CO₂ Factors and Efficiency Potentials

Components	CO ₂ emissions	
	conventional concrete (t)	green concrete (t)
JUMBO BLOCK® 4.02 t	0.804	0.4824
Side plate 80 mm, 1.2 t	0.24	0.144
Base plate 100 mm, 1.5 t	0.3	0.18
Carriageway slab 125 mm, 1.88 t	0.376	0.2256



3. Recycling and Reusability

JUMBO BLOCK® products are designed with longevity and the environment in mind.

Our blocks are fully recyclable and can be easily reused, which helps to protect natural resources and reduces the long-term costs for our customers.

Unlike traditional construction materials that may degrade or release harmful substances over time, JUMBO BLOCK® is safe for groundwater and does not harm the micro-ecosystem.

This makes our products an ideal choice for sustainable construction projects that prioritize environmental protection.



4. Innovative Sealing Systems



The sealing systems for JUMBO BLOCK® offer reliable, waterproof, and long-lasting solutions for module connections

These include high-performance adhesives and sealants, specifically engineered for the demanding conditions of rainwater management. They ensure a secure and durable seal for joints and connections, preventing water loss and optimizing the efficiency of retention systems.

With a combination of flexible and highly durable materials, these sealing solutions guarantee long-term functionality, even under varying environmental and load conditions.



5. Protecting the Environment by Avoiding Microplastics

The threat of microplastics in our soils and water cannot be overstated.

These tiny particles are almost impossible to remove once they enter the environment and can persist for hundreds of years, posing a long-term threat to ecosystems and human health.

By avoiding the use of plastic in our products, we are taking a proactive stance against this growing problem.

JUMBO BLOCK® is committed to being part of the solution, not the problem, by ensuring that our products and processes do not contribute to the proliferation of microplastics.



Choosing JUMBO BLOCK®



Our commitment to sustainability is reflected in every aspect of our work at JUMBO BLOCK®.

From the materials we select to our innovative production processes, we are dedicated to creating products that are not only effective and durable but also kind to the planet.

By choosing JUMBO BLOCK®, you are supporting a future where construction and environmental stewardship go hand in hand.

Contact us

JUMBO BLOCK®

ZANNI GROUP
BrauhoF 12
44866 Bochum

Phone: +49 (0)2327 4178191
Fax: +49 (0)2327 4178192
Email: mail@jumboblock.de

ZANNI GROUP, Andreas Zanni e.K.
Registration Court: Bochum District Court, Germany
Commercial Register Number: HRA 7687
VAT ID: DE340292357

