

Recycled Coarse Aggregates

Sustainable replacement of primary gravel
made from concrete waste.



What are Recycled Coarse Aggregates?

RCA is a clean, high-performance aggregate suitable for structural and non-structural concrete applications. It is produced by selectively crushing end-of-life concrete and separating the coarse fraction using everox's advanced processing technologies.

Environmental impact

Our solution enables full concrete-to-concrete upcycling, giving old materials a second life in new construction. By supporting localised production, it also significantly reduces transport-related emissions and lowers the overall environmental impact.

Specifications

- Particle size: 4 – 16 mm
- Bulk density: ~2300 kg/m³
- Water absorption: <4%
- Free from contaminants
- Chloride and sulphate content: minimal

Applications

- Ready-mix concrete
- Precast concrete elements
- Infrastructure and roadworks

Compliance

- Relevant standards: EN 12620:2002 and A1 2008
- BRL 2506-1
- BRL 2506-2

Key features and benefits



SUSTAINABLE

Made from 100% recycled materials, reducing the need for virgin resources and minimizing waste.



VERSATILE

Suitable for a wide range of construction applications, from ready-mix concrete to precast elements.



COST EFFICIENT

Competitive with virgin aggregates, with additional savings from reduced transportation costs.



HIGH PERFORMANCE

Complies with EN 12620:2002 + A1 2008, ensuring suitability for high-performance concrete.



QUALITY CONTROL

Consistent particle size distribution and low impurity levels ensure reliable performance.