

Recycled Fine Aggregates

Sustainable replacement of primary sand
made from concrete waste.



What are Recycled Fine Aggregates?

RFA is a clean fine aggregate free from harmful contaminants. It is produced from concrete waste by everox advanced separation technology. This makes it ideal for use in concrete and mortar applications. The selected separation process leaves the sand almost dry.

Environmental impact

The everox approach reduces the demand for virgin sand, helping to preserve valuable natural resources while protecting ecosystems. At the same time, it diverts waste concrete from landfills, ensuring that materials are kept in use for longer. By enabling localized production, it also reduces transport-related emissions, further lowering the overall environmental impact.

Specifications

- Particle size: 0.25 - 4 mm
- Bulk density: ~2400 kg/m³
- Water absorption: < 6%
- Chloride and sulphate content: minimal
- Free from swelling clay minerals

Applications

- Ready-mix concrete
- Precast concrete elements
- Dry mortar blends

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 sand and minimizing waste.



COST COMPETITIVE

Competitive with virgin sand, offering economic benefits without compromising quality.



VERSATILE

Suitable for a wide range of applications, from ready-mix concrete to dry mortar.



PURE

Free from harmful particles like swelling clay minerals, ensuring predictable behaviour in concrete.