

COVERINGS ETC

ECO-TERR®

Terrazzo Sustainability Document

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MATERIAL PROPERTIES

A Future-Friendly™ Terrazzo

ECO-TERR® stands as a testament to innovation and sustainability, combining high-quality stone materials like marble, granite, quartz, and more, using the advanced Terastone Breton System. Distinctively, no resinous substances are used in ECO-TERR®. Instead, it offers a purely natural product perfect for diverse environments.

Sustainable Production Process:

- **Eco-friendly Composition:** Approximately 75% of ECO-TERR® comprises stone aggregates—recycled remnants from natural stone quarries. The remaining 25% mix white cement (Portland 5.25 Class 1) and water.
- **Recycled Stone Aggregates:** Our stone fragments are sustainably sourced, not from newly crushed slabs or blocks, but from waste material from natural stone quarries. They meet the UNI EN ISO 14021 standards, boasting 100% recycled content per point 7.8.1.1 b.
- **Energy and Water Conservation:** Our production doesn't involve high-temperature baking, ensuring energy savings. We also employ a water recycling system. The mud produced during tile abrasion undergoes filter pressing. The extracted water is then repurposed, and the residual mud is allocated to companies for further use.
- **Reusing and Recycling:** Off-cuts or second-choice materials are either resized or turned into samples. The plastic wraps for our pallets are made from recycled content.

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Product Highlights:

- **Longevity & Restoration:** ECO-TERR® products boast durability of over 30 years. Moreover, they can be restored and renovated multiple times after installation, ensuring longer-lasting use.
- **Safety:** Given its natural components, ECO-TERR® holds a Class 0 fire resistance according to Italian standards. This implies that it won't burn or emit smoke in case of a fire.
- **Local Procurement:** 100% of the materials for ECO-TERR® are sourced from local suppliers, underlining our commitment to community-based sustainability.

Certifications & Monitoring:

- **ISO 9001 Certification:** Our factory is recognized for its Quality Management System, emphasizing customer satisfaction in product and service delivery.
- **Regular Monitoring:** We consistently monitor various aspects of our production:
 - Energy consumption: Reviewed at least quarterly.
 - Gas and liquid emissions: Reviewed annually.
 - Material inputs, including packaging: Reviewed at least quarterly.

In essence, choosing ECO-TERR® isn't just about selecting a quality product; it's about making a sustainable choice for the future.

