

EcoGrete Tiles

Technical Data Sheet

Specifications

Properties	Values	Unit
Standard Dimension	12 x 12 x 1	in
Breaking Strength	4.3	Mpa
Weight	5	kg
Specific Gravity	2.3	-
Water Absorption	6.3%	%
Density	2.016	gm/cc



Tests done according to ASTM C -128 & BS EN 13748-1.

Certifications

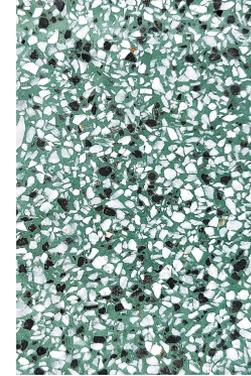


About Us

Concept Loop specializes in the production of environmentally sustainable building materials, made from hard-to-recycle, low-value plastics that would otherwise contribute to landfill and marine pollution.

We transform this end-of-life plastic waste into 'EcoGrete', a versatile additive that enhances concrete products, effectively creating a low-carbon construction material. The development of our products is grounded in extensive research and testing, incorporating comprehensive feedback from architects and industry experts. Our innovative green materials and products outperform their traditional counterparts.

Design



Color

White Blend | Green Blend | Custom Blend

EcoGrete Tiles

Our Tiles offer a sustainable and sophisticated alternative to traditional terrazzo tiles.



Weather
Resistance



Environment
Friendly



Impact
Resistance



Upto 500 gms
Waste Redirected



Upto 1.7 kgs
CO2 Offset



High
Performance

Features

Composition

- EcoGrete (Low-value Plastic Waste, Minerals, Additives)
- Concrete
- Pigments
- Marble Chips

Sizes

- 8 x 8 in
- 12 x 12 in
- 16 x 16 in

Comparison

Carbon Saving

Normal Tile - **0.872kg CO2e**
EcoGrete Tile - **0.314kg CO2e**

64% Reduction in CO2e compared to BAU

Standard Dimension

