



# Polygood® Wall Tiles

## A different way to tile

Large-format wall panels designed to replace traditional tile systems—without grout, fragility, or complex installation.



# Overview

## POLYGOOD® WALL TILES

Polygood® Wall Tiles translate the aesthetic language of tile into large-format CNC-machined panels — engineered for speed, durability, and circularity.

Grooves are precision-machined into slab-format panels to create a continuous tiled field, eliminating grout joints and the associated maintenance, moisture retention, and replacement cycles.

The material is solid, through-color recycled polystyrene — free from surface coatings, and fully recyclable at end of life.

Designed for bathrooms, kitchens, hospitality, offices, and high-traffic commercial interiors.

Polygood® Wall Tiles reduce time, weight, and complexity - without compromising design intent.



# Key Characteristics

Large-format panels with precision CNC-cut tile grooves

01

Seamless surface with no grout joints — mold-resistant by design

02

Mold- and water-resistant; suitable for direct wet-area application

03

Panel-based bonded installation — no mortar bed, no full-field grout, no specialist tile-setting trade

04

Reduced labour time and total installed cost vs. ceramic tile systems

05

Solid through-color material: 100% recycled and fully recyclable

06

Slab format:  
2800 × 1400 mm (110" x 55")  
Tile module:  
700 × 700 mm (27.5"×27.5") (residential)  
Thickness:  
8 / 12 mm (5/16" · 1/2")

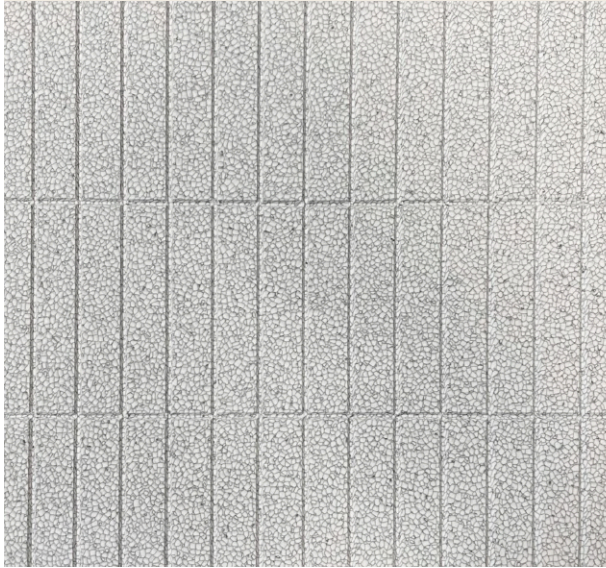
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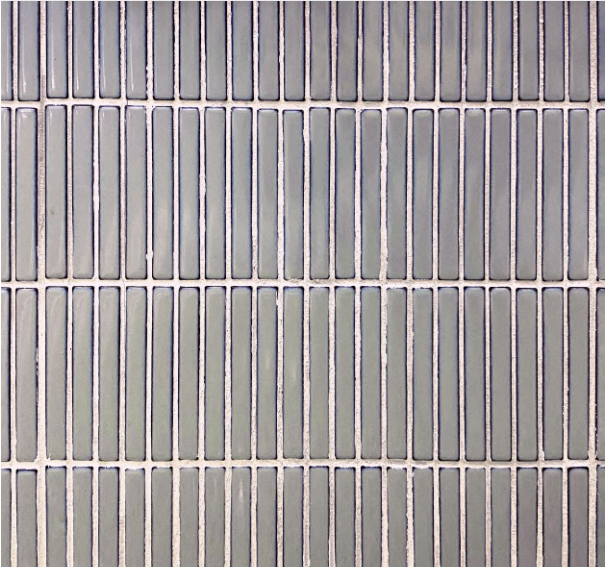
# Comparison

## Polygood® vs. Traditional Tile

| POLYGOOD® WALL TILES                         |
|----------------------------------------------|
| Installation: \$3–5 / sq. ft. (panel-based)  |
| Time: 1–2 hours for 40–50 sq. ft.            |
| Weight: ~1.5 lb / sq. ft.                    |
| Performance: elastic, impact-resistant       |
| Maintenance: seamless surface, no grout      |
| Sustainability: 100% recycled and recyclable |



| TRADITIONAL TILE                                |
|-------------------------------------------------|
| Installation: \$12–25 / sq. ft. (skilled labor) |
| Time: 12–18 hours for 40–50 sq. ft.             |
| Weight: ~3 lb / sq. ft.                         |
| Performance: fragile, grout-dependent           |
| Maintenance: grout retains moisture, dirt, mold |
| Sustainability: limited, costly alternatives    |





# Format Options

## SLAB DIMENSIONS:

2800 × 1400 mm (110" x 55")

## TILE MODULE (RESIDENTAL):

700 × 700 mm (27.5"×27.5") (CNC-cut groove)

## THICKNESSES:

8 mm · 12 mm (5/16" · 1/2")

## FINISH:

Matte, satin, through-color.

## COMPOSITION:

100% post-consumer recycled polystyrene (PS).

Solid, through-color.

No laminates, surface coatings, or applied finishes

Polygood® Wall Tiles reduce time, weight, and complexity - without compromising design intent.

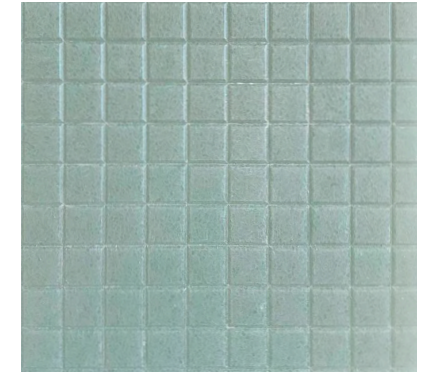


# Patterns



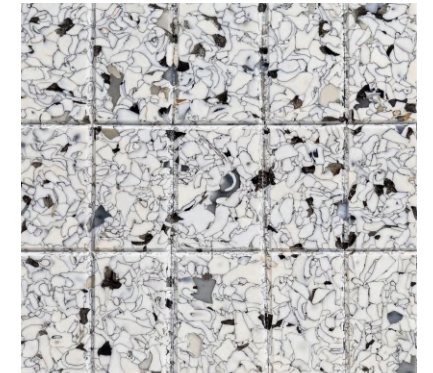
## STANDARD POLYGOOD® PATTERNS

All colors and surface patterns from the core Polygood® collection are available in Wall Tile format. The full palette — spanning neutrals, terrazzo-effect, and textured surfaces — can be specified with any of the available tile groove configurations.



## GROWTH COLLECTION

The Growth Collection is a curated palette developed for high-specification wet-area environments, including hospitality bathrooms, residential wet rooms, and commercial washrooms.



## CUSTOM PATTERNS

Polygood® Wall Tiles can be produced in bespoke groove configurations and custom color formulations for project-specific requirements. Custom pattern development is available for projects meeting minimum order quantities — contact your regional specification partner or submit an enquiry at [polygood.com](https://polygood.com).

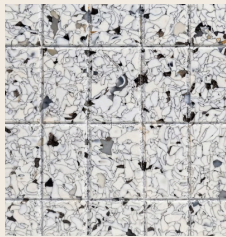
Custom tile formats and groove patterns available on request.





# Selected Tiles

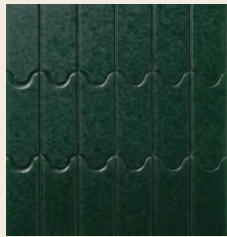
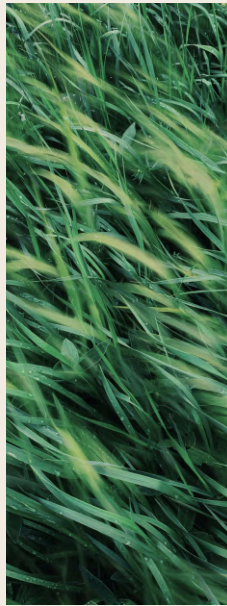
Before you specify, see and feel it. These samples can be requested to review colors and groove patterns for your project.



Oyster  
#PS2602



Milky Way  
#PS1104



Smaragd  
#PS1321



Terracotta  
#PS1322



Need something outside this range? Custom samples in other colors and configurations are also available on request.



# Integrated Bathroom System

**ONE MATERIAL. ONE SYSTEM.**

One Material. One System. Polygood® Wall Tiles can be specified as a fully coordinated wet-area solution — wall panels, vanity cabinetry, wash basins, and countertops in a unified color and material family. Polygood® is selected for its performance in moisture-exposed conditions and its compatibility with premium interior schemes. Simplify procurement, ensure consistent performance, and maintain design integrity across every surface.



This approach supports visual continuity, simplified procurement, and consistent performance across all wet-area surfaces.





# Integrated Bathroom System





# Carbon Impact

Polygood® Wall Tiles provide the same tiled appearance as ceramic but with a dramatically lower carbon footprint:

**GWP:**  
487 kg CO<sub>2</sub>e per ton of material

**CO<sub>2</sub> PER 1M<sup>2</sup>:**  
~3.7 kg CO<sub>2</sub>e

**CO<sub>2</sub> PER 1FT<sup>2</sup>:**  
~0.35 kg CO<sub>2</sub>e

**SAVINGS VS CERAMIC TILE:**  
14–21 kg CO<sub>2</sub>e per m<sup>2</sup> (~1.35–1.95 kg CO<sub>2</sub>e per ft<sup>2</sup>)

Reduced material, lighter weight, panel-based design, and take-back program make Polygood® a low-impact, circular alternative to ceramic tile.



COMPARISON (PER 40–50 SQ.FT. BATHROOM INSTALLATION):

|                       | TRADITIONAL TILE            | POLYGOOD® WALL TILES       |
|-----------------------|-----------------------------|----------------------------|
| MATERIAL PRODUCTION   | ~120–150 kg CO <sub>2</sub> | ~30–40 kg CO <sub>2</sub>  |
| TRANSPORT & HANDLINGS | Higher due to weight        | ~50% lower, lighter panels |
| INSTALLATION WASTE    | Moderate to high            | Minimal (panel-based)      |
| TOTAL EMBODIED CARBON | High                        | Reduced by ~60–70%         |





# LEED® Contribution Potential

When specified as part of a broader Polygood material scope, Polygood® Wall Tiles can support up to 10–11 LEED points, subject to project strategy, thresholds, and documentation.



## MATERIALS & RESOURCES (MR)

MR Credit: Building Product Disclosure and Optimization – Environmental Product Declarations (EPD)

- Third-party verified Environmental Product Declaration available
- Supports product-level life-cycle transparency

MR Credit: Building Product Disclosure and Optimization – Sourcing of Raw Materials

- 100% recycled content
- Circular material sourcing

**UP TO 2 POINTS**

## INDOOR ENVIRONMENTAL QUALITY (EQ)

EQ Credit: Low-Emitting Materials

- Solid plastic material
- No applied finishes, sealants, or grout

VOC A+ certified for indoor air quality.

**UP TO 3 POINTS**

## REGIONAL PRIORITY (RP)

- Potential contribution depending on project location and credit alignment

**UP TO 1 POINT**

## INNOVATION (IN)

Innovation Credit: Circular Design & Waste Reduction Strategy

- Use of 100% recycled and recyclable materials
- Reduced material mass and extended service life
- Elimination of grout-related failure and replacement

## 1 POINT (PROJECT DEPENDENT)

MR Credit: Building Product Disclosure and Optimization – Material Ingredients

- Cradle to Cradle Certified® material
- Ingredient health and circularity documentation available

**UP TO 2 POINTS**

MR Credit: Construction and Demolition Waste Management

- Panel-based system reduces installation waste
- Fewer components compared to traditional tile assemblies

**UP TO 2 POINTS**

## TOTAL POTENTIAL CONTRIBUTION

### UP TO 10–11 LEED® POINTS

(Dependent on project scope, credit stacking, and LEED strategy)



# Installation

Polygood® Wall Tiles are bonded directly to the substrate with a permanently elastic adhesive — no mortar bed, no tile-setting mortar, and no full-field grout. Installation is faster than ceramic tile and doesn't require a specialist tiling trade, but it is a proper bonded system: the substrate needs to be sound and dry, adhesive needs its full cure time, and wet areas need sealed joints before they're exposed to water.

## SUITABLE SUBSTRATES:

- Glazed ceramic or porcelain tile
- Gypsum board (plasterboard) — dry areas only
- Plastered or rendered walls

## HOW IT'S INSTALLED:

- Panels are bonded with vertical adhesive beads, kept clear of panel edges
- Movement joints are maintained between panels and at the substrate
- A tile-levelling system keeps adjacent panel faces flush
- Panel position can be adjusted for a few minutes after placement, then the adhesive is left to cure undisturbed

## WET AREAS (BATHROOMS AND SHOWERS):

- The wall must be waterproofed to local standards before bonding
- Panel joints and perimeters are sealed with a neutral-cure sanitary silicone or MS sealant
- The installation must fully cure before the area is exposed to water



## CONTACT US:

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[polygood.com](https://polygood.com)

Full technical requirements — substrates, adhesives, movement joints, and wet-area detailing — are set out in the Polygood® Installation Guideline, available on request.