

Biolith® Tile

Biolith tiles are a revolutionary material that is made by harnessing **the power of biology** to form Biocement®. Biocement technology uses bacteria and nutrients to produce calcium carbonate, which cements aggregate together. This process happens in ambient temperatures, without the use of a kiln, and produces **little to no carbon dioxide**.

Our Biolith tile can be used in vertical facing assemblies, installed on a support wall with adhesive or mechanical systems, or used on a substrate in horizontal conditions. Our tiles exceed the physical properties of standard materials for compressive strength, absorption, freeze-thaw, adhesion, and dimensional tolerance. Biolith tiles are perfect for exterior or interior use in commercial, institutional, and residential building projects.

COLORS



Natural



Medium Grey



SUSTAINABILITY

Biolith tiles have many sustainability features applicable to different building rating systems. This includes LEED v4.1, WELL v2, BREEAM, and DGNB. Detailed list available upon request.

Applicable certifications/declarations:

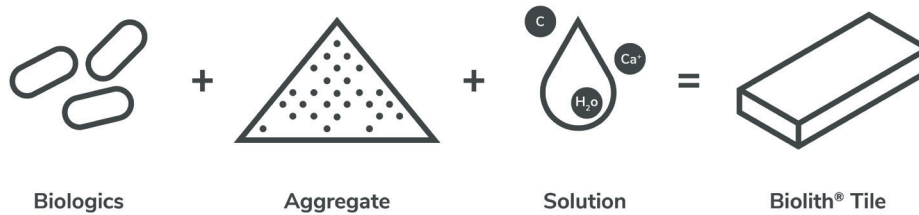
- HPDv2.1
- Declare Red List Free
- CE Marking
- Various 3rd Party Testing

PRODUCT DATA

Size	Product code	Metric		
	400x200	400 mm x 200 mm x 19 mm		
Grout Spacing	(All)	3 mm - 13 mm		
Colors	Natural, Medium Grey			
Finishes	Honed, Polished			
Location of Use	Interior, Exterior			
Strength <small>(minimum performance)</small>	Compressive	30 MPa	Flexural	3.5 MPa

*Contact us for additional sizes. MOQ's apply.

PROCESS



INSTALLATION + MAINTENANCE

- Installs like traditional tile when using thin-set mortar (installation manual available upon request)
- Clean Biolith tiles in accordance with the guidelines in the Care and Maintenance Plan. Never use acid-based cleaners, such as hydrochloric or muriatic acid, on Biolith tiles.

RECOMMENDED USES



Flooring



Kitchens



Walls



Patios



Façades

BIOMASON

Biolith® tiles are natural products. Variations in color, shade, and surface shading among tiles should be expected. Images shown may not indicate all of these variations accurately. It is recommended that you order a physical sample prior to placing an order, but note that variation across different tiles is expected and physical sample is not indicative of all possible variations in above characteristics.