BioMineralized Concrete

BioMineralized Concrete uses bacteria to bind a sand aggregate. The technology allows for the sand, or any other small, rough aggregate, to be used to make a solid material. Because it hardens at room temperature, it saves the energy that typically goes into baking bricks. BioMineralized Concrete can be used as a concrete substitute. However, it has 2/3 the strength of traditional concrete, so it needs to be reinforced by adding fiber or metal, or through pressurization during casting.

CATEGORY

Pourables and Aggregates, Concrete

MANUFACTURER

Damian Palin

MATERIAL COMPOSITION*

Sand, Calcium Chloride, Urea, Bacteria

**as reported by the manufacturer*

AVAILABLE SIZING

N/A

CERTIFICATIONS & DISCLOSURES

- ~~Health Product Declaration (HPD)~~
- ~~Declare Label~~
- ~~Environmental Product Declaration (EPD)~~
- ~~Safety Data Sheet (SDS)~~
- ~~USDA Certified Biobased Product Label~~
- ~~Other~~

LAST UPDATED

December 04, 2019