



BINDER FOR AGGREGATE SURFACES

Resists erosion
Water permeable
ADA compliant
LEED points

 Made from a renewable plant resource

WWW.ORGANIC-LOCK.COM



Organic-Lock is a patented powdered binder made from a renewable plant resource and specialized proprietary additives. It's designed to be blended with crushed aggregate to create natural looking pathways and surfaces. The binder locks the aggregate in place to minimize erosion and maintenance, all the while remaining water-permeable and allowing sitting water to permeate into the groundwater table.

Brooklyn Bridge Park
Brooklyn, NY

How It Works

The binder activates on contact with water to resist erosion and maintain stability in pathways and other surfaces, all while remaining water permeable. As the water permeates the aggregate, it gets absorbed by the Organic-Lock and creates a gel that coats the aggregate particles. The gel expands in size and holds the aggregate particles together, which significantly reduces erosion. Once the gel reaches its maximum swell volume, it is unable to take on any new water, so the excess water passes directly through the system, down into the ground water table. Over time, the gel releases its water through evaporation to the atmosphere and through percolation into the ground water table, recharging the system to be ready for the next rainfall.

Aggregate

Organic-Lock blended aggregates derive much of their strength from the aggregate itself. The gel works best with a natural inter-locking ability of well-graded crushed aggregate particles, which create an optimally structured surface. A well-graded aggregate, in combination with our patented Organic-Lock binder, creates a stable, long-lasting surface, suitable for a wide variety of traffic.

Color Options



The color of the end product takes the color of the aggregate used.

Water Permeable

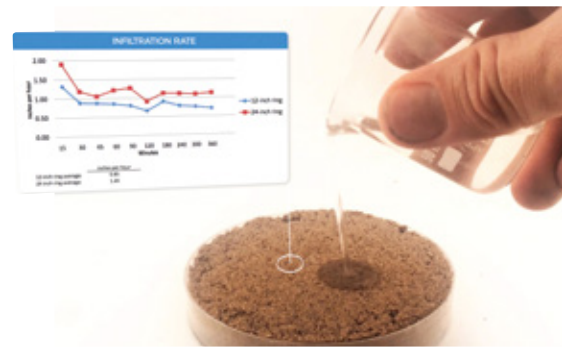
Organic-Lock grew out of more than a decade of research by agricultural scientists from the University of Guelph as well as the federal research lab at Agriculture Canada. Rigorous laboratory testing led to the development of the optimal scientific formulation for our patented formula. The core focus of our research has been to develop a strong, stable natural binder that not only resists erosion but also remains water permeable. The result: Organic-Lock is the strongest organic binder on the market today.

- RESISTS EROSION
- WATER PERMEABLE
- MAINTAINS STRENGTH & STABILITY
- EASY TO MAINTAIN



- rapidly renewable
- water permeable
- recycled content
- heat island effect
- regional materials.

Leed points are available to be earned on multiple elements.



Its sturdy surface qualifies the project as wheelchair accessible.

Design Options

Embedded Natural Stone



Outdoor gym



Tree Garden



Asphalt Shoulder



There are a multitude of design option potentials, but the following have been highlighted to show the variety of possibilities.

Edging Options

Grass



Concrete



Round Stone



Wood Chips



Pavers



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UNIVERSITY OF NOTRE DAME
Notre Dame, IN



BROOKLYN BRIDGE PARK
Brooklyn, NY



"The right stabilizer
is critical: We now specify
Envirobond's Organic-Lock
as the stabilizer for all our
DG installations."

- Neil Budzinski & Matthew Girrard
Sr. Associates at MVVA

LANDSCAPE ARCHITECT MAGAZINE



NEW ORLEANS MUSEUM OF ART
New Orleans, LA



WALDEN POND
Concord, MA

Dealer Info

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