

Bomanite Pervious Concrete Systems

PROJECT PROFILE

DAVID FURMAN ARCHITECTURE



PROJECT INFORMATION

PROJECT SPECIFICATIONS/INFORMATION

Description: This unique Bomanite Grasscrete installation was installed 20 years ago and uses recycled crush brick as an aggregate filler. The original installation use for Grasscrete was to facilitate the surface water on-site for aerification of large trees. The surface provides a second function for a structurally sound pervious parking access.

Grasscrete offers the ability to achieve LEED points for a variety of applications. The Bomanite Grasscrete system maintains water that would otherwise run off for use by returning it to the sub soils for plants. Additionally this water can be economically channeled using non-pervious membrane to collection points or to planting beds adjacent to the parking area. Water can be captured for use as irrigation. As another option, Xeriscape can be used in conjunction with a hybrid of grassed and exposed Grasscrete Systems to create a Xeriscape plaza with flowing lines funneling traffic or pedestrians through space not defined by traditional curbs or borders. Colored recycled glass aggregate or reclaimed porcelain aggregate, or in this case, recycled crushed brick could be used to fill the voids to create interesting bands of color and texture that circumvent the area.

Grasscrete offers the ability to provide year-round access for a variety of applications requiring structural paving surfaces without compromising the aesthetics of the exterior landscaping. Grasscrete is a very sustainable product that can employ a large recycled material content both in the form of aggregate and binder such as fly ash or slag. Its lifespan is indefinite and can be recycled itself to form the aggregates for future Grasscrete applications; providing Specifiers with a truly sustainable, eco-friendly system to accommodate a variety of needs.

PROJECT DETAILS

LOCATION

Charlotte, North Carolina

CLIENT

David Furman Architecture

INSTALL COMPLETED

Installed in 1989 - Photos taken November 2009

BOMANITE SYSTEMS

Grasscrete - GC2 Reusable Formers with Recycled Crushed Brick as Aggregate Fill

NAME OF BUSINESS

Xeriscape Parking Lot - Maintenance of Water Runoff

BOMANITE LICENSED CONTRACTOR

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