

Bomanite Pervious Concrete Systems

PROJECT PROFILE

THE DA VINCI CAMPUS PARKING LOT



PROJECT INFORMATION

PROJECT SPECIFICATIONS/INFORMATION

Description: The da Vinci Campus is a GOLD LEED® ([Leadership in Energy and Environmental Design](#)) registered campus and was among the first of its kind to be dedicated solely to early childhood education. The 21,000 square foot campus was designed to operate in harmony with the natural environment, and teaches children about science, as well as environmental responsibility. Featuring many built and natural features visible and apparent to the children, students are able to see the scientific principles of the building at work. The campus is registered with the United States Green Building Council, ([USGBC](#)), for the very purpose of becoming a teaching tool. It is a "building that teaches" in the true sense. The Da Vinci Campus shares their building process and lessons learned that are applicable to residential, educational and commercial construction or remodeling. To learn more about the Founding Partners and the unique products brought to the building process visit : <http://davincicampus.com/features> The Bomanite Pervious Concrete System was chosen for the da Vinci campus need for a pervious pavement parking lot. Local Bomanite Licensed Contractor, Texas Bomanite was awarded the project and worked with the campus and Cunningham Architects to provide a LEED proven product, Grasscrete – Stone Filled Installation. Grasscrete helps LEED accredited professionals in accruing points toward a LEED certification of a particular building or project. The selection of a Bomanite Pervious Concrete System is one of the easiest ways to achieve points in the reduction of heat island effect, management of storm water runoff, use of recycled content incorporated in the application process, as well as in the concrete and sub-base, and satisfies the long life span and low maintenance requirements. Stone Filled Grasscrete Systems are ideal for sustained traffic areas and can be filled with no-fines stone for maximum percolation rates providing a low maintenance option that is both functional and environmentally friendly. Most common uses for Stone Filled Grasscrete installations are vehicle parking, access roads, fire and emergency access and military installations. .

PROJECT DETAILS

LOCATION

Dallas, TX

CLIENT

The Da Vinci School

ARCHITECT

Cunningham Architects

GENERAL CONTRACTOR

Hills & Wilkinson

INSTALL COMPLETED

2010

BOMANITE SYSTEMS

Stone Filled Grasscrete System

NAME OF BUSINESS

Pervious Pavement Parking

BOMANITE LICENSED CONTRACTOR

Texas Bomanite

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Grasscrete Parking Lot Finished Installation



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Grasscrete Sub Base Prep for Former installation



Grasscrete Molded Pulp Formers Installed



Grasscrete Molded Pulp Formers with Rebar



Grasscrete Concrete Pour



Grasscrete Stone Filled Voids



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