



GeoPrint - Pattern Imprinted Resin Bound Aggregate Surfacing

Product: *GeoPrint - GeoPave Standard - Adbruf's resin bound aggregate surfacing system with pattern imprinting*

Project: *Crosswalks at Florham Park, New Jersey*

Client: *Florham Park Borough - www.florhamparkboro.net*

Principal Contractor: *Falcon Striping and Surfacing, LLC - www.pspfalconindustries.com*

Distributor/Contractor: *Complete Streets USA, LLC - www.completestreetsusa.com*

Background

Florham Park is a borough in Morris County, New Jersey. It is the home of the NFL NY Jets main offices and training camp.

The borough had the task of installing new sidewalks, curbing, streetlights, streetlamps and paving. The final aspect of this landscape renovation to be addressed was the crosswalks.



Design Brief

Florham Park's borough engineer was keen to transform the crosswalks to be eye catching but functional pedestrian areas to compliment the existing stamped concrete paved areas within the sidewalks.

The borough engineer specified that the areas needed to be durable, in order to withstand oncoming traffic as well as pedestrian use. They wanted the surfacing to blend in with the natural surroundings but to look modern, attractive and add a contemporary feel to the area.

The specified surfacing material had to have a textured surface that could be used as a traffic calming measure, but that was low maintenance, easy to install and environmentally friendly.

Solution

Complete Streets USA and Jerry Gialanella provided the township engineer with the perfect option for a beautification project that is sustainable and durable.

Jerry recommended using Adbruf's GeoPave Standard resin with a blend of 1-2mm and 1-3mm red granite aggregate to compliment the sidewalks. Complete Streets USA also suggested installing a GeoPrint brick pattern to add both texture and to be consistent with the existing stamped concrete featured within the sidewalks.

Complete Streets USA were commissioned to install 2,300 square feet of GeoPave Printed Crosswalks at 5/8 inch thickness with an offset brick pattern. Complimenting the existing stamped concrete along the sidewalks, this was the solution preferred by the borough engineer.



Installation

Falcon Striping and Surfacing, LLC, trained by Complete Streets USA and supervised by Jerry Gialanella completed the installation process in 5 nights.

Complete Streets USA provides the highest quality surfacing materials from streets development to color demarcation for safe routes, bike paths and highway safety friction surfacing.

Existing asphalt was milled and removed in 6 foot widths from corner to corner at a 5/8 inch depth and then swept clean and torched with hot compressed air to remove oil and moisture.

A mixture of 1-2mm and 1-3mm red granite aggregate was used for the GeoPave mix.

Printing was achieved using an offset brick pattern template to give a "brick" effect.

GeoPave Standard is installed by mixing the two resin binder components until homogenous. A suitable mixer is then charged with the selected aggregate; the resin is added and mixed until the aggregate is fully coated. Finally, the mix is transported to the application area and then trowel applied. Prior to the system curing, the brick pattern was imprinted using a template mould. During this stage, great expertise was required to achieve the perfect finish.



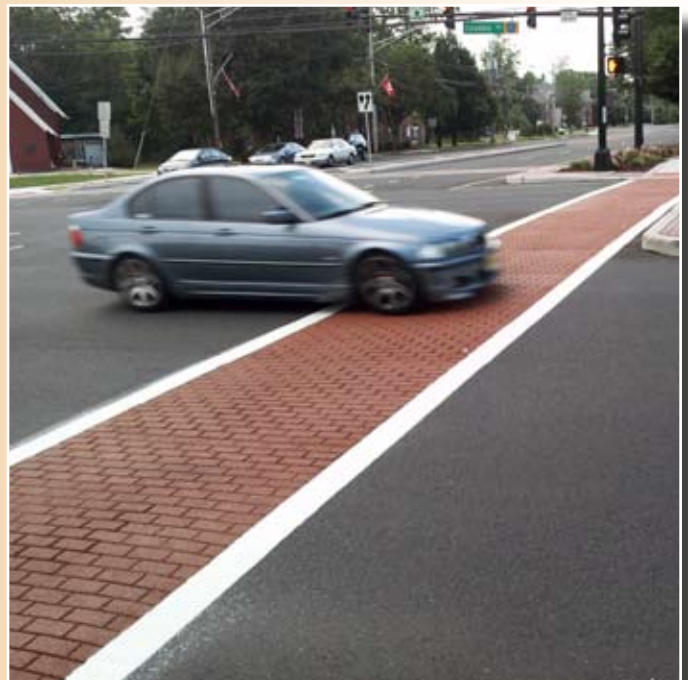
Product Details

GeoPrint is a new concept combining the beautiful appearance of resin bound surfacing using Adbruf GeoPave resins with modern imprinting techniques to give even more interest and texture to a surface.

GeoPrint is highly versatile because it can be applied in many different settings and because of the large variety of aggregate mixes that can be selected and patterns which can be imprinted. Imprinting leaves a continuous surface layer meaning that there are no joints for weed growth to become established.

Uses Include:

Access roads, driveways, landscape schemes, footpaths, patios, steps, flat roofs/balconies, tree pits, new developments and as part of a SUDS system.



Distributor/Contractor's Comments

Jerry Gialanella - Complete Streets USA, LLC

"GeoPrint Printed crosswalk installation is an overwhelming success; currently setting the standard in the USA for decorative and traffic calming"