

  
**StreetPrint**<sup>®</sup>  
making asphalt  
beautiful



## What is StreetPrint ® ?

StreetPrint is a patented proprietary technology and application process that produces realistic brick, slate, stone and other design effects on an asphalt base. StreetPrint combines the flexibility and strength of asphalt with leading-edge coating technologies. This results in a cost-effective, durable surface with low maintenance requirements. From unique heating equipment to specialized coatings, our components are designed to work together to provide a superior surfacing solution.

StreetPrint gives unlimited creative freedom for hardscape and streetscape projects and empowers architects and designers to accomplish more with less. The cost advantages over alternatives like brick or stone can be significant.



# Installation Process

StreetPrint can be installed on existing asphalt that is in good condition, which can provide significant savings on pavement removal costs. The asphalt base provides superior stability and durability compared to traditional surfaces such as brick pavers. StreetPrint application is faster, easier and less labor intensive to install than other decorative paving surfaces.

StreetPrint is installed by Licensed StreetPrint Applicators — owners and employees of professional paving and construction companies who are trained and certified for this specific technology.

## StreetPrint Installation Steps

1. The asphalt is heated with the StreetHeat SR60 reciprocating pavement heater.
2. StreetPrint woven steel templates are pressed into the warm asphalt using a plate compactor and then removed.
3. High performance StreetBond coatings are applied using the StreetPrint Rapid Sprayer.



## StreetPrint Key Benefits

### Decorative Appeal

A wide range of patterns and colors can be combined to create unique and eye-catching designs.

### Lower Initial Cost

Efficient installation methods save labor costs.

### Durability

The structurally sound asphalt base is without joints or seams, which prevents shifting, weed growth and damage from snowplows and sweepers. StreetPrint lasts longer.

### Maintenance Savings

The StreetPrint surface has low maintenance requirements and lower maintenance costs than other decorative surfaces.

### Seamless Repairs

Reheating technology and coating systems enable easy repairs to "good as new" condition.

### Extended Asphalt Life

StreetPrint coating systems prevent oxidation and fortify the asphalt base which results in a better looking, longer lasting surface.



Hartford, CT



University of San Diego, CA



San Rafael, CA





residential developments



pathways



pedestrian channelization

## StreetPrint: Endless Applications



speed tables



parking lots



medians



sidewalks



plazas



parks



## brick pavers

### initial appearance and design

- excellent appearance

### multiple colors and textures

- wide variety of colors and textures available

### installation time

- moderate installation time, highly labor intensive
- time can be increased for complex patterns or if cribbing is required

### substrate stability

- substrate preparation is highly variable
- improper base preparation results in heaving and cracking over time

### effects of wear and tear

- susceptible to snow plow damage, ground movement
- supports weed growth
- poses trip hazard when bricks shift

### maintenance and repairs

- labor intensive removal
- difficult to prepare substrate under area to be repaired often leading to replacement of much larger areas
- costly and slow maintenance and repair process

## A Comparison of Leading Decorative Paving Surfaces



## stamped concrete

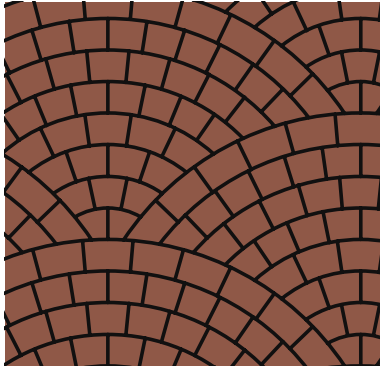
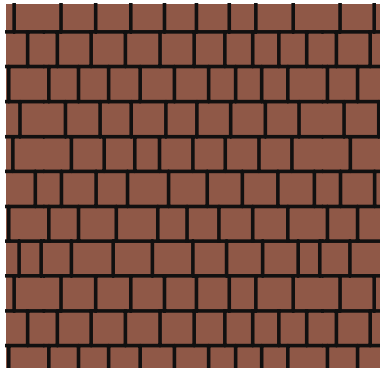
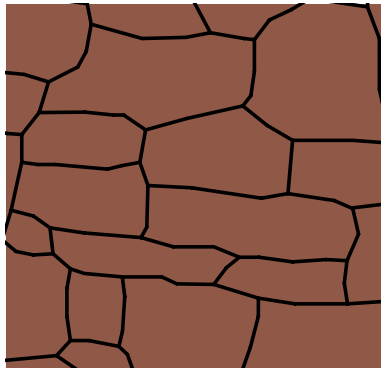
- good appearance, however expansion joints deter from authentic look
- wide variety of colors and textures available
- moderate installation time primarily due to curing period required prior to use
- solid concrete applied over a poor base results in cracking
- ground movement and temperature variation can also cause cracking
- may crack at expansion joints
- surface sealer may glaze or become opaque over time
- poses trip hazard when cracked
- not effectively repairable
- often requires complete replacement



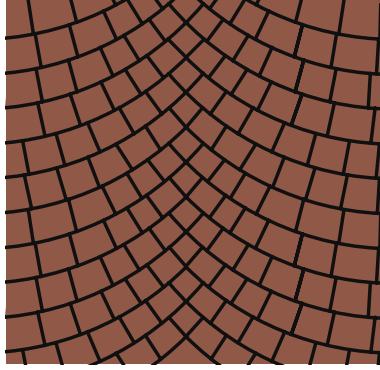
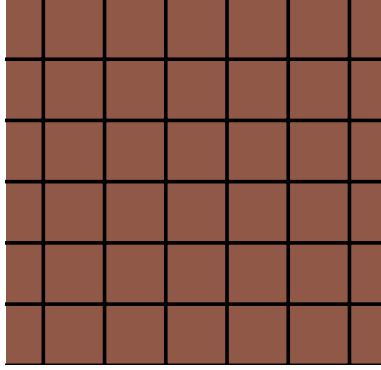
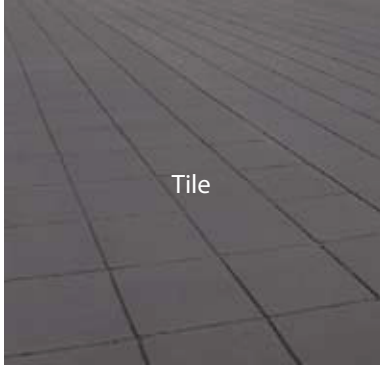
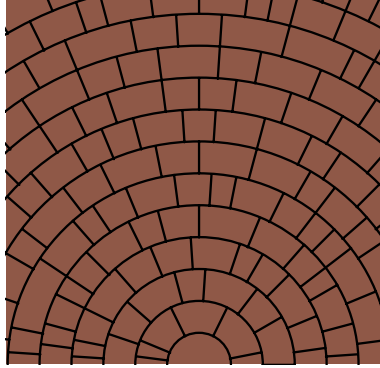
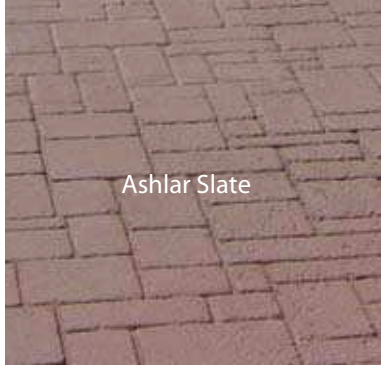
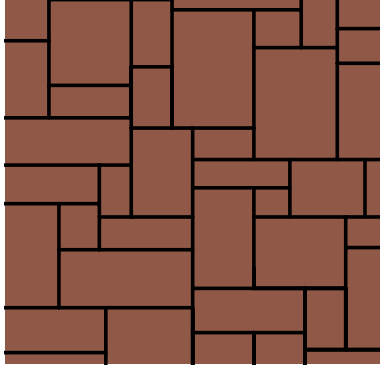
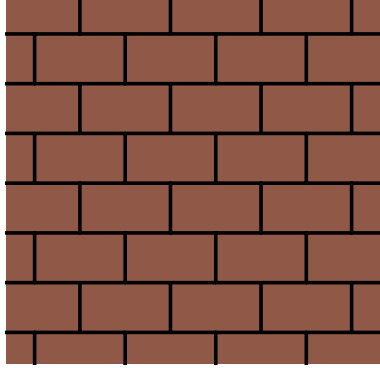
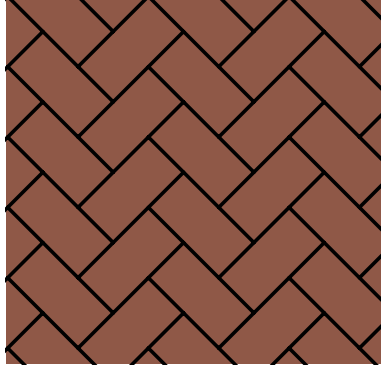
## StreetPrint

- very authentic appearance with no need for expansion joints due to flexibility of asphalt
- wide variety of colors and textures available
- fast installation
- open to use after a short curing period for polymer coating
- properly compacted asphalt base is very durable
- asphalt flexibility allows for cracking resistance due to ground movement and temperature variations
- resistant to snow plow damage
- solid surface prevents weed growth
- no trip hazard
- very easy to repair
- perfect color matching
- seamless, inexpensive and fast





multiple colors  
 multiple patterns  
 custom blended colors  
 custom designed templates







### Design Flexibility

Not only do StreetPrint coatings provide limitless color possibilities they also fortify the asphalt surface. StreetPrint coatings are based on unique, epoxy-modified acrylic polymer technology. Acrylics provide UV stability and minimal color fade, while the water base ensures maximum environmental friendliness. These coatings are specified to meet local weather and traffic conditions producing a durable surface that retains its vibrant color.

Please call 1 866 697 4338 for a copy of our color card.

These color swatches are digitally produced and may not appear exactly as StreetPrint color coatings.

## Project Profiles

### Walkways for the City of Carteret, NJ

This 24,000 square foot installation of walkways is part of an urban renewal project that was once a dumping ground for city waste.

The project, located at the Arthur Hill waterway which leads into the Atlantic Ocean, also includes a park and docks for fishing and launching boats. The Applicator spent a little over four weeks completing this substantial installation.

The mayor of Carteret was so impressed with StreetPrint that he budgeted to install another 25,000 square feet the following summer.



### Campus at the U of NC, Greensboro, NC

The University of North Carolina wanted to revitalize the image of the streets within their Greensboro campus. They chose StreetPrint to enhance the overall architecture of the University while at the same time capitalizing on the low cost of StreetPrint as a decorative pavement.

The project was 22,000 square feet consisting of 9 intersections and 3 crosswalks. Diagonal Herringbone and Stacked Brick border patterns were used.

With StreetPrint the University was able to create the visual appeal and impact they were looking for at a fraction of the cost of pavers.



## Streetscapes in Scottsdale, AZ

This is phase one of a streetscape project conceived by the City of Scottsdale in 2003.

130,000 square feet of StreetPrint was installed to create level medians, banded traffic circles and other streetscapes.

The Applicator's excellent relationship with the City and the proven quality of their previous installations made it an easy decision for municipal officials to use StreetPrint in a project of this magnitude.



## Waterfront Revitalization, Toledo, OH

This casual river walk area has come a long way from its humble beginnings. It is no longer a lost and forgotten piece of land in downtown Toledo but a unique and beautiful pedestrian footpath, reminiscent of the cobblestone paths of yesterday.

Budget constraints made choosing hand-laid pavers impossible for the 40,000 square feet along the Maumee River. By using StreetPrint the project team was able to replicate the look of brick and cobblestone and completed the project within budget.



## Why Use Genuine StreetPrint?

### StreetBond™ Coatings

StreetBond coatings are based on unique, epoxy modified acrylic polymer technology. Acrylics provide UV stability and minimal color fade. These coatings are designed to withstand a variety of weather and traffic conditions producing a durable surface that retains its vibrant color.

### Environmentally Friendly

Unlike other solvent-based pavement markings, StreetBond coatings are water-based. This means they contain no harsh chemical solvents to harm the environment or people. Asphalt coated with StreetBond is fully recyclable.

### Durable

Most water based coatings are susceptible to accelerated wear under wet conditions. StreetBond coatings contain cross

linked epoxy modified acrylic polymers that give them a precise balance of hardness and flexibility even under wet conditions. If a coating is too flexible, it will wear too quickly. Through many years of research and development, StreetBond has formulated a coating that has exceptional durability.

### Flexible

If a pavement coating is too hard, however, it will not allow for the normal expansion and contraction of asphalt surfaces and will end up cracking. StreetBond coatings are flexible enough to conform to the plasticity of asphalt preventing any cracks.

### Adhesion

StreetBond coatings have excellent adhesion properties and are particularly resistant to peeling.

## StreetBond Coatings Perform Best

### Proven Performance

Over 50 million square feet installed in more than 40 countries around the world.

adhesion

flexibility

durability

other coatings

lack of adhesion = peeling

other coatings

lack of flexibility = cracking

other coatings

lack of durability = wear



ALTERNATIVE PAVING CONCEPTS™

1.866.697.4338  
www.alternative-paving.com

## StreetHeat™ Pavement Heaters

StreetHeat pavement heaters have a unique reciprocating heating process that allows for real-time monitoring of the asphalt conditions. It is very easy to burn, damage or scorch asphalt while using other heaters. StreetHeat heaters use infrared heating grills and precisely tuned reciprocating cycles to uniformly soak the heat into the asphalt.

## Distribution Network

There are a network of Licensed Applicators in more than 40 countries worldwide. Applicators receive rigorous hands-on and advanced training to continually meet high quality standards.

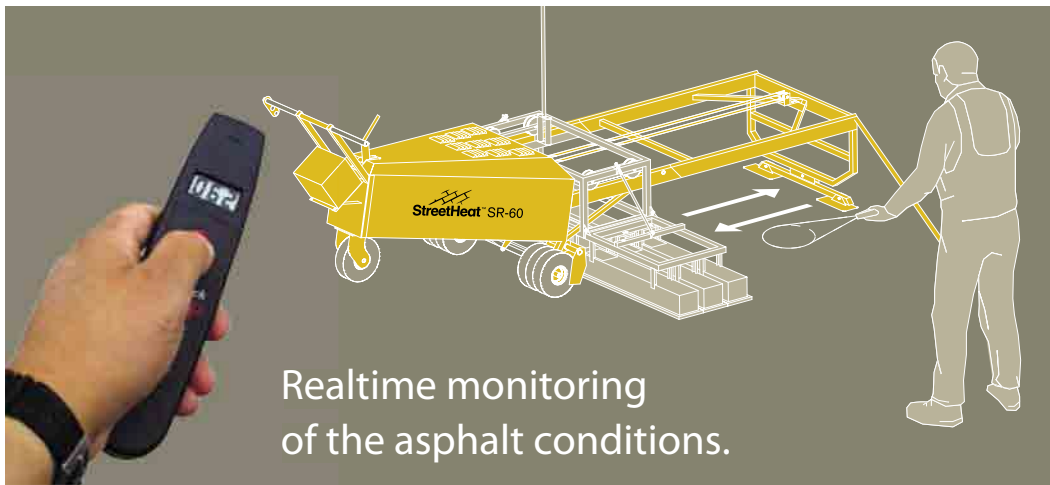
## Engineering Services Center

Engineering Services Center provides technical sales support to specifiers and the Licensed Applicator network including product specifications, sample drawings, design recommendations and advanced technical support.

## Research and Development

The four pillars of product excellence create a unique and very powerful product development capability:

- A highly disciplined, three-stage testing methodology
- More than 10 years of direct experience in the field
- Expertise of our worldwide Licensed Applicator network
- Strong research partnerships with the world's leading suppliers of coatings and thermoplastic polymers.



# The APC Family of Decorative Asphalt Products

## Contact

P.O. Box 9201  
Reston, VA 20195

telephone 1 (866) 697 4338

[www.alternative-paving.com](http://www.alternative-paving.com)

APC offers a family of products to provide decorative asphalt solutions for every need.

DuraTherm<sup>®</sup> is an inlaid thermoplastic technology that provides the ideal decorative solution for high traffic areas such as crosswalks and intersections. DuraTherm also provides custom design flexibility making it an ideal product for community branding and beautification.

Ride-A-Way<sup>™</sup> colored bike lanes create highly visible cycling corridors to keep bicyclists and drivers safe.

LogoTherm<sup>™</sup> provides thermoplastic branding and signage that is fused with the asphalt surface using unique infrared StreetHeat technology.





  
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### Three ways to find out more about StreetPrint

1. Fill out this page.
2. Call us at 1 (866) 697 4338
3. Visit [www.alternative-paving.com](http://www.alternative-paving.com)

- I would like information about StreetPrint projects in my area.
- I would like information about StreetPrint demo installations.

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_

State/Province \_\_\_\_\_ Zip Code/Postal Code \_\_\_\_\_ Phone ( \_\_\_\_\_ ) \_\_\_\_\_

