



**DuraTherm**<sup>®</sup>

traffic tough decorative paving



# What is DuraTherm?

**DuraTherm is a decorative asphalt surfacing system designed specifically for high-traffic applications.**

**Tremendous durability ensures DuraTherm will maintain its bold look for many years.**

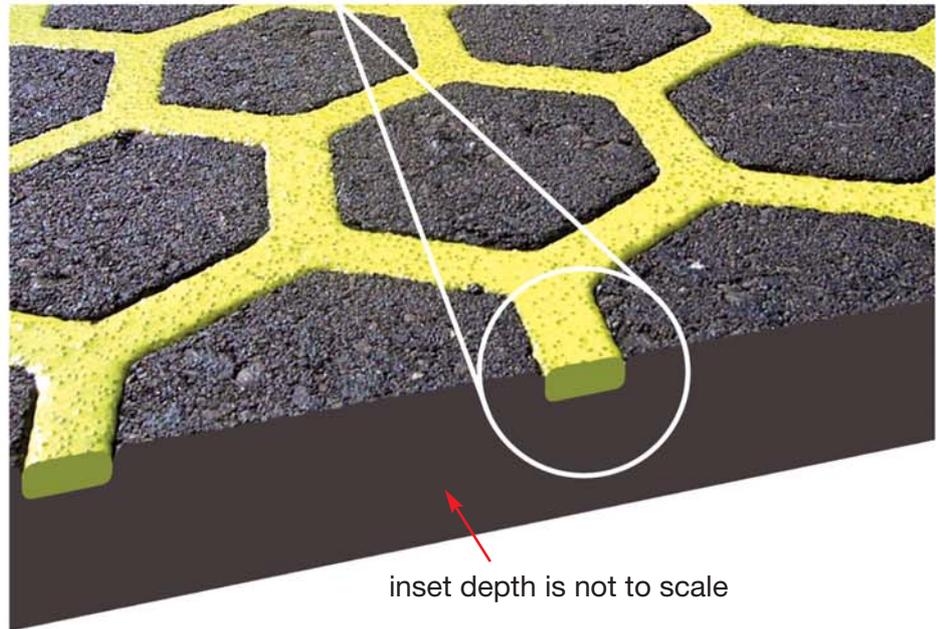
**Fast installation means minimal community disruption.**

Since DuraTherm's market introduction it has been installed in dozens of important street projects in communities of all sizes. These installations have drawn the attention of municipal officials, engineers, specifiers and other influencers who appreciate the solutions that DuraTherm brings to their ever-present concerns about both pedestrian safety and road maintenance.

**DuraTherm is a thermoplastic material that is inlaid into imprinted asphalt. It is installed flush with the asphalt, as a result, it is extremely resistant to wear caused by traffic and is very snowplow friendly.**



Manhattan, NY



inset depth is not to scale



Philadelphia, PA



San Diego, CA



Manhattan, NY



Arlington, VA



Stevensville, MD

# Top 5 Reasons DuraTherm is Replacing Pavers and Stamped Concrete

- 1 trip hazard free
- 2 installation - hours not days
- 3 less maintenance burden
- 4 lower cost of ownership
- 5 public works likes it and communities LOVE it!



Stamped concrete and paver crosswalks mean...  
maintenance headaches · pedestrian hazards · slow installation · traffic disruption



# Installation Process

DuraTherm means fast installation. Crosswalks can be installed at night and can be ready for traffic in as little as 90 minutes per lane.

Installations are performed by Licensed DuraTherm Applicators - owners and employees of professional paving and construction companies who are trained and certified by IPC for this specific technology.

1. In technical terms, a specialized pavement heater (shown on right) gently softens the existing asphalt.
2. Templates, in the chosen decorative pattern, are pressed into the surface.
3. Pre-cut sections of DuraTherm are then set into these impressions and the specialized pavement heater is used again to fuse DuraTherm to the asphalt surface.

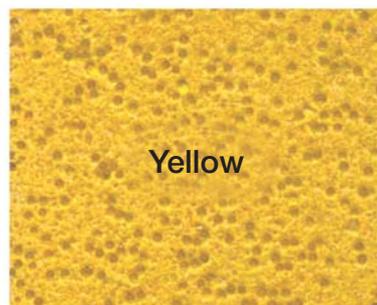
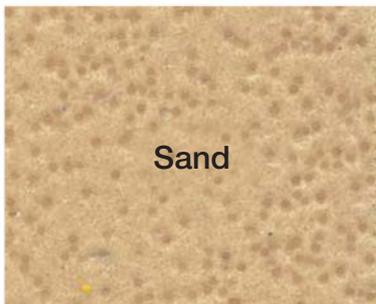
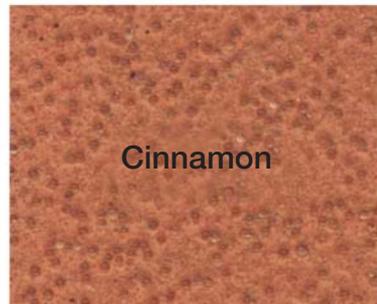
The result is a surface that is integral and completely flush with the asphalt.



# Beauty and Function in One

The finished DuraTherm surface is available in a range of attractive patterns and colors. Communities agree that DuraTherm dramatically enhances both beauty and pedestrian safety in their neighborhoods.

DuraTherm provides a wide range of creative freedom that greatly enhances community branding. The flexibility of DuraTherm allows for the implementation of custom designs, community imagery and logos.



# Project Profiles

## Scottsdale, Arizona, USA

### DuraTherm Reduces Emergency Response Risk

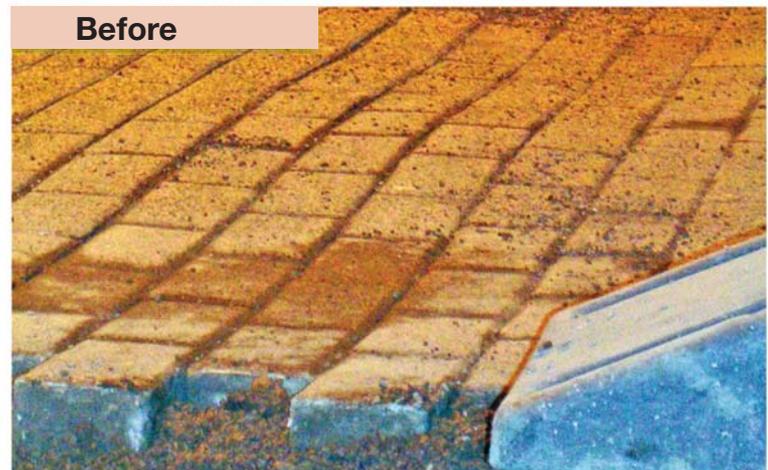
Traffic backup in front of the fire hall's entrance, from a major intersection just 75 feet away, was putting emergency response at risk. Existing „keep clear“ signage was not preventing the problem. Scottsdale's Capital Improvements Manager (CIP) recommended DuraTherm's use in conjunction with further signage to solve the problem. The city traffic engineer was amazed at how fast and easy are pleased with the outcome.



## Frankfurt/M., Germany

### In 2004 DuraTherm Crosswalks Made Their European Debut

In the summer of 2004 a DuraTherm crosswalk trial installation was completed at one of the world's largest transportation hubs, Frankfurt International Airport. Existing paver crosswalks at the terminal entrances were failing, causing maintenance issues and creating pedestrian trip hazards. The Airport Authority was impressed with the durability, visibility and attractiveness of DuraTherm. Six additional DuraTherm crosswalks were installed immediately and more were slated for terminal 2. DuraTherm is installed completely flush with the asphalt, an important feature for wheelchairs and roller luggage!



## Arlington, Virginia, USA

### Durability Passes with Flying Colors in Northeast

After a three-year development and test period, DuraTherm was introduced to the market through a series of installations across North America in 2002. One of those original installations was a crosswalk at a high traffic intersection in Arlington, Virginia. Into its third season this high traffic DuraTherm crosswalk continues to perform flawlessly.



## Vancouver, Canada

### BC Transit Authority (TransLink) Enhances Bus Loop

Both StreetPrint coatings and DuraTherm were used to minimize the number of private vehicles entering a bus loop area. According to the TransLink Traffic Engineer for Implementation Planning, „[DuraTherm] has improved the delineation at the entrance of the bus loop and increased the appearance of the roadway as a designated area“ and „a survey shows the number of [car] violators in the bus loop has decreased.“ Furthermore, TransLink has said that product performance has exceeded their expectations.



**For additional information**



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