Polycon Systems' specially modified squeegee system makes 12' wide passes. This allows for an average application rate of 720 ft² per minute.

Our Permastripe® pavement marking products may be applied with a squeegee application or specially designed pump and spray application device.

Proud Partner

AMERICAN ASSOCIATION OF AIRPORT EXECUTIVES

INTERNATIONAL PARKING INSTITUTE

CANADA

ACI NORTH AMERICA
AIRPORTS COUNCIL INTERNATIONAL

NPCA
NATIONAL PAVEMENT CONTRACTORS ASSOCIATION

Design for the Environment
U.S. EPA

US Army Corps of Engineers®

Acceptance
U.S. Army Corps of Engineers
Federal Aviation Administration
Recognition
Environmental Protection Agency
Approval
New York Metro Transit Authority
Florida DOT
Texas DOT

A tank test was performed by the U.S. Army Corps of Engineers. Multiple pivot steers of a 53-ton M-60 tank resulted in slight scuffing of the E-Krete® surface, but no delamination or other degradation occurred. PCMO's, of which E-Krete® is one, are now in the USACE Unified Facilities Guide Specifications.

A subsidiary of Interstate Highway Construction

Website: www.polyconsystems.com
E-Mail: info@polyconsystems.com
Telephone: 1.800.640.9356

Contact Polycon® now to resolve your airport pavement maintenance problems!

The Revolutionary Approach to Pavement Maintenance

E-Krete® & Permastripe®

PolyCon® Systems, Inc.

Features:

- Friction coefficients that achieve FAA standards
- Rapid curing time results in short downtime
- Highly resistant to aeronautical and automotive fluids
- Impervious to UV and other adverse environmental factors
- Environmentally safe alternative to slurry seals and asphaltic seal coats
- Adds friction surface to concrete and asphalt pavements
- Available in custom colors
- Cost effective alternative to milling and applying a new asphalt overlay
- Will not track into facilities like coal tar and AC emulsions
- Safe and nontoxic to placement crews

Calgary International Airport
Calgary, Alberta - 2004

E-Krete® is a tough, durable coating that can be applied over asphalt to provide long-lasting protection and concrete-like surface characteristics. The resulting benefits include fewer maintenance cycles, less worry about surface breakdown, and long-term color fastness.

Unlike traditional seal coating materials that contain polycyclic aromatic hydrocarbons (PAH's), E-Krete® does not and is recognized by the EPA as "reduc[ing] the need for resurfacing, sealing and replacement, ...thus eliminat[ing] the generation and release of [PAH's], coal tar materials, and hazardous solvents."

Permastripe® has all the physical characteristics of E-Krete with the added qualities of high reflectivity and chromaticity to create durable pavement markings that meet or exceed FAA standards.

Zapata County Airport
Zapata, TX - 2004

Description:

The E-Krete® system is a long-lasting, skid resistant, polymer modified, cement-based micro-overlay system. It's designed to be applied on airport runways, refueling areas, aprons, and taxiways with substandard surface raveling, low skid resistance or where preservation or oil and fuel resistance is required.

Recommended for:

- Areas where a high coefficient of friction is needed, e.g., aprons, taxiways, and runways
- Oxidized and otherwise eroded asphalt
- Environmentally friendly alternative to traditional seal coats and asphaltic emulsions
- Pavements with oil spot damage potential
- Protection of new asphalt surfaces - **before** deterioration starts
- Aircraft maintenance areas
- Refueling areas
- Parking lots

Tupelo Regional Airport
Tupelo, MS - 2000