



# PREFORMED THERMOPLASTIC PAVEMENT MARKINGS FOR AIRFIELDS



**ENNIS-FLINT**

A TRAFFIC SAFETY SOLUTIONS COMPANY

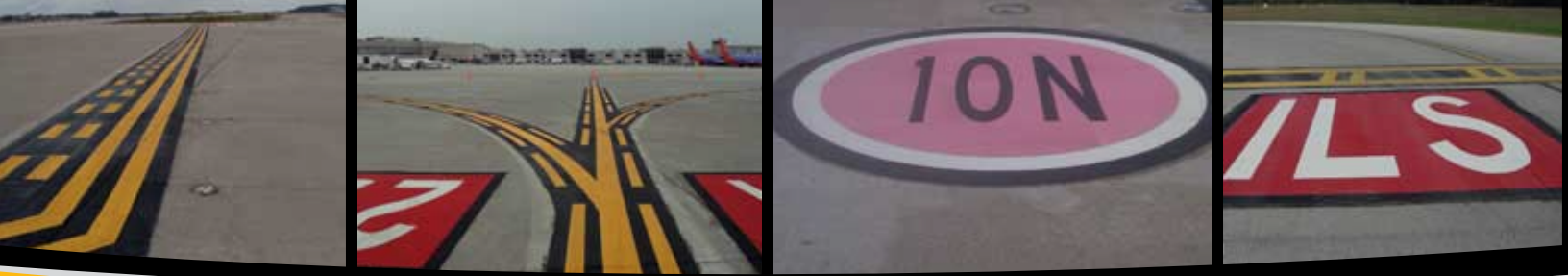
Taxiways

Ramps

Aprons

Gates

Airfield Vehicular Roadways



## PREFORMED THERMOPLASTIC

Ennis-Flint manufactures and supplies AirMark® preformed thermoplastic pavement markings that are engineered to meet Federal specifications with the objectives of safety, durability, workmanship and proven performance.

Designed for use on taxiways, ramps, aprons, gates, as well as vehicular roadways on the airside, the advantages and value of AirMark® are pronounced in the application of multi-colored markings that are typically time and labor intensive.



The homogenous composition of AirMark® supports long-term performance regarding bond, retroreflectivity, and UV resistance. The FAA requirements for multi-colored surface signage and delineation markings presents installation and maintenance concerns using traditional application methods. With preformed thermoplastic now included in the AC 150/5370-10F, AirMark® provides a sensible solution with efficient life cycle performance and savings while complementing your total airfield marking program.

### AirMark® is visible day and night

*As the marking wears, new glass beads and pigments are exposed for extended life and color fastness.*



### BENEFITS OF USING AIRMARK®

- Included in AC 150/5370-10F Item P-620
- Inscriptions (letters/numbers) on surface signage made according to FAA AC 150/5340-1K or ICAO standards accordingly
- Application only by AirMark® Certified Applicators requiring large infrared heater according to specification ensuring quality
- Manufacturing control at ISO 9001:2008 certified facility ensures consistent material thickness and composition to meet specification
- Clean, crisp appearance
- Applies to asphalt and portland cement concrete (including Green concrete)
- Supplied at 65 mil for cost-effective service life and performance
- Highest quality UV-resistant pigments
- Conforms to pavement contours, breaks, and faults
- Interconnected segments of material—typically supplied on rolls—saves significant time when positioning marking for application
- Retroreflective glass beads are mixed throughout material at time of manufacturing. As the marking wears new beads are exposed for retained retroreflectivity.
- Indents in top surface of material provide a visual cue during application for proper heat and bead embedment
- Resistant to aviation and motor fuels, lubricants, de-icers, etc.
- Can be reopened to traffic in as little as 15 minutes depending on current conditions
- No lead chromate, heavy metal compounds or VOCs
- Removes easily with waterblasting

### STANDARD COLORS

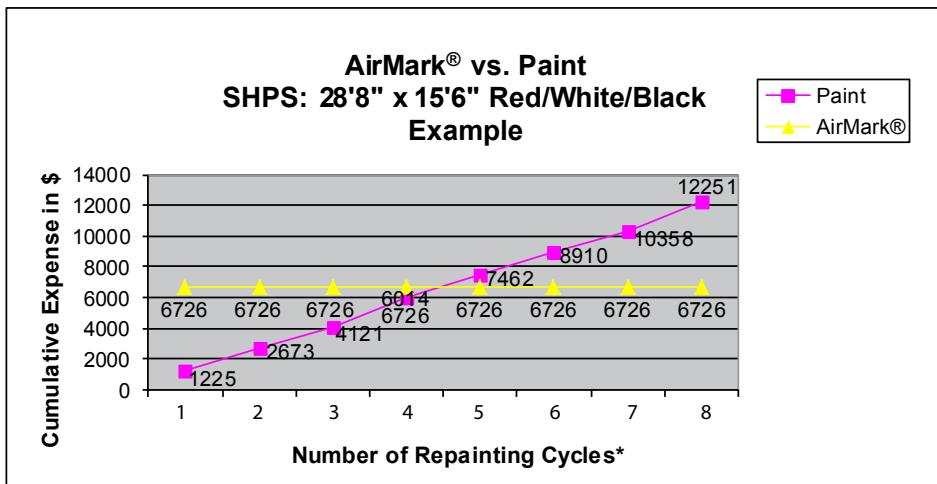






Achieve maximum value and optimal performance with durable pavement markings engineered to last 8 to 12 times longer than paint.

## Example of Life Cycle Performance and Savings



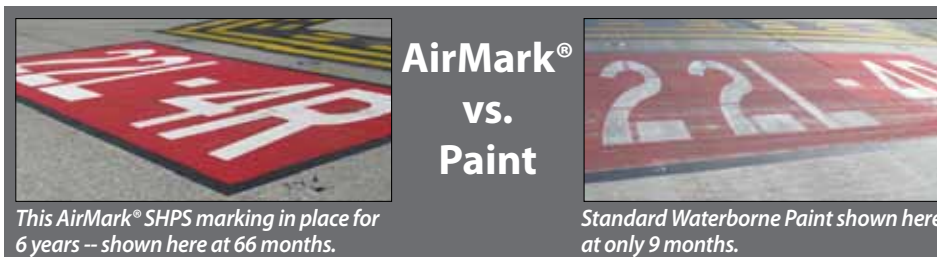
\* Based on applying a single surface hold position marking including mobilization, runway closure, administrative, and application costs. Based on the average period of time between each repainting; typical repainting cycles range from an average of 60 days to two years. At each 4th repainting cycle, the example includes cost for existing paint removal before new application of paint.

Actual performance depends on factors such as climate and volume of aircraft movement. The real value of AirMark® is recognized when keeping the following facts in mind:

- The homogeneous composition of AirMark® supports long-term performance regarding bond, retroreflectivity, and UV resistance.
- Application method has significant advantages, especially in application of multi-color markings that are typically labor intensive using paint; more markings can be applied during the time of runway closure.

## Simple Application Method

*AirMark® is only to be applied by AirMark® Certified Applicators.*



Comparative markings were applied in August 2006 at Newark Liberty International Airport for FAA evaluation





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A Traffic Safety Solutions Company

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