



Transpo Industries, Inc. manufactures a variety of innovative products and materials designed to improve airport safety. The company's reputation as an expert in rehabilitation, preservation, and safety has made Transpo a leading supplier since 1968.

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Color-Safe®

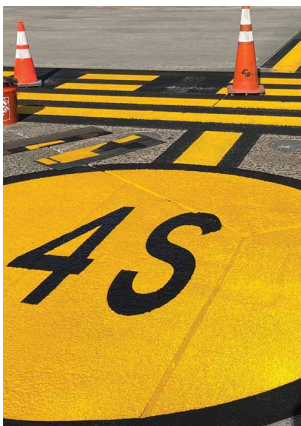
AIRFIELD PAVEMENT MARKING

Durable High Definition Color

Color-Safe® is a Methyl Methacrylate (MMA) based product and is the only UV stable material used for airfield marking.

Easily applied by hand with squeegees and rollers or with automatic spray equipment, **Color-Safe®** cures without requiring external heat sources.

Color-Safe® is capable of full cure in a wide range of temperatures, and cures fast – ready for aircraft and vehicle traffic in 30 to 60 minutes at 70°F.



Color-Safe® enhances your airfield markings program with high visibility color and increased service life.



Color-Safe® Airfield Markings are: **VERY AFFORDABLE**

- Material costs per sq. ft are substantially lower than preformed thermoplastic markings
- Increased life-cycle performance
- Low life-cycle cost

INCREDIBLY DURABLE

- Much more durable than waterborne paint markings
- Average life-cycle of 5 years with little or no maintenance required
- Solidly adheres to concrete and asphalt surfaces

EXCELLENT COLOR RETENTION

- UV resistant methyl methacrylate resin holds the surface color for the life of the product
- A variety of FAA compliant colors are available
- After years of wear, can be refreshed with a thin coat over existing MMA

FEATURES AND ADVANTAGES

- Easy to apply/no special equipment or heat is required for installation
- Can be installed by airport personnel
- Wide application temperature range (40°-100°F)
- Cures fast/ready for aircraft and vehicle traffic in 30 to 60 minutes at 70°F

EASILY MODIFIED

- Add hi-index airport glass beads to increase retro-reflectivity and maximize pilot visibility
- Add an aggregate for a more skid-resistant surface
- Apply new colors over existing markings when necessary

Color-Safe® is compliant with AC Circular: 'Standards for specifying construction at airports' Item P-620 Runway and Taxiway Markings.

Color-Safe®

PAVEMENT MARKING

Application Process

Prepare Surface: Surfaces receiving Color-Safe® must be thoroughly cleaned and free of all dirt. Contaminates that might interfere with the proper adhesion of the material must be removed by grinding or shotblasting.

Mix: Color-Safe® application is typically made up of three components (resin, hardener, and aggregate) that must be mixed thoroughly for uniform curing and performance.

Apply: No special equipment is required for installation. Refer to the technical data sheet for application details. Contact manufacturer for latest Technical Data Sheet before specifying.

Applications

Transpo's Color-Safe® can be used with aggregate as an anti-skid surface.

- Airside Markings
- Landside Crosswalks
- Horizontal Wayfinding Markings



THERMO IS 3X THE COST OF COLOR-SAFE®

Color-Safe® MMA vs. Hot Applied Thermoplastic vs. Paint

	COLOR-SAFE® MMA	Applied Thermoplastic	Paint Comparison
Adhesion to Concrete	EXCELLENT	POOR	GOOD
Life Cycle	6-10 YEARS	3-5 YEARS	1 YEAR
Refresh or Removal	REFRESH	FULL REMOVAL	REFRESH
UV Stable	YES	NO	NO
Cure Time	20-40 MIN	WAIT FOR COOLING	10-30 MINUTES
Adhesion to Self	YES	NO	YES
Working Hazards	NONE	POTENTIAL BURNS	NONE
Specialized Equipment Needed	NO	YES	NONE

PHYSICAL PROPERTIES*

Properties	Unit of Measure	Test
Neat Resin		
Tensile Strength	> 800 psi	ASTM D638 Type I
Elongation	> 30%	ASTM D638 Type I
Pot Life @72°F (22°C)	15 Min	AASHTO T237
Solids Content	100%	ASTM D1644
Aggregate		
Hardness	≥ 7.0	Mohs Scale

*To be used as general guidelines only

Standard and Custom Colors

Transpo's Color-Safe® has many standard color options as well as custom colors widely used for airfield and landside applications.

- Bike lane green
- Bike lane red
- Traffic yellow
- White
- Handicap blue
- Adobe red
- Orange
- Buff
- Black
- Gray
- Pink

Check with manufacturer for most recent Technical Data Sheet before specifying.



Need more information?

WWW.TRANSPO.COM/PAVEMENTMARKINGS

Contact the materials experts at Transpo to find out more about the various products we offer. If you need advice on how to install the product, the professionals at Transpo will guide you through the process. Project specific questions? We can assist you in creating a cost-effective, tailored solution for your project.



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