

# HPS-8<sup>®</sup>

INTEGRATED  
MULTIPOLYMER SYSTEM



**ENNIS-FLINT**  
The Mark of Traffic Safety<sup>®</sup>

Streets

Highways

Local & Rural Roads

# HPS-8<sup>®</sup>

## INTEGRATED MULTIPOLYMER SYSTEM

Ennis-Flint manufactures and supplies a unique binder system made up of multiple polymers to give the product superior durability, long term retroreflectivity, and fast cure. HPS-8 may be applied using standard thermoplastic equipment.

HPS-8 is a 100% solid, environmentally and user safe compound containing pigments, glass beads, binder, and filler which becomes liquid when heated. Pigments provide color and opacity; fillers such as calcium carbonate, add bulk; and binders, consisting of plasticizers and resins, provide toughness, flexibility, and bond strength while holding all the components together. The formulation includes 50% intermixed Type I and Type III beads, to provide superior sustained retroreflectivity for nighttime visibility of the pavement marking.

Supplied  
in 50-lb  
heat-degradable  
bags.



### BENEFITS OF USING HPS-8:

- Superior performance; abrasion resistant for durability.
- Extended retroreflectivity results from both the advanced formula and a 50% intermix of Type I and Type III beads.
- Four year warranty available for durability and retroreflectivity.
- Mechanically adheres to all asphalt pavements.
- Formulated for quick dry of <2 minutes at temperatures as low as 50 °F.
- Uses standard thermoplastic extrude equipment.
- Engineered to minimize lane interruptions and closures.
- May be applied using the extrude method in 60-120 mil thickness with a double drop glass bead application.

### STANDARD COLORS



A specially formulated black thermoplastic, used with white or yellow combination, enhances visual contrast on concrete or light-colored asphalt.



From edge lines and center lines to skips, gores, and more, Ennis-Flint can help you determine the right EF product for your next striping project.



### HPS-8 ADVANTAGES VS. PERMANENT TAPE

Similar	Better	What this means to you
Abrasion resistant material		Comparable durability
	Easier and faster application	Use standard extrude thermo equipment; hand liner or truck mount
	Apply over previous thermoplastic	Do not have to remove and replace as with tape before new or refurbished application
	50% beads in the intermix: Type I and Type III	Sustained retroreflectivity because beads are in the intermix and not simply sitting on the surface to be knocked off. As marking wears, new beads are exposed.
	Lower cost per running linear foot	Coverage rate combined with faster installation reflects more accurate cost per linear foot by true comparison
	Rolling work zone	Keep traffic moving with minimal delays
	Warranty supporting better performance available	4-year coverage with higher retroreflectivity values; white and yellow

### HPS-8 ADVANTAGES VS. MMA AND EPOXY

Similar	Better	What this means to you
Abrasion resistant material		Comparable durability
	Easier and faster application	Use standard extrude thermo equipment; hand liner or truck mount whereas MMA and Epoxy may present equipment limitations and availability
	50% beads in the intermix: Type I and Type III	Sustained retroreflectivity because beads are in the intermix and not simply sitting on the surface to be knocked off. As marking wears, new beads are exposed.
	Rolling work zone	Keep traffic moving with minimal delays
	Extended performance warranty	4-year coverage for retroreflectivity

### HPS-8 ADVANTAGES VS. THERMOPLASTIC

Similar	Better	What this means to you
	Abrasion resistant material	Comparable durability
Easy application method		Use standard extrude thermo equipment; hand liner or truck mount
	50% beads in the intermix: Type I and Type III	Sustained retroreflectivity because 50/50 combination of beads are in the intermix; as marking wears, new beads are exposed.
	Extended performance warranty available	4-year coverage for retroreflectivity





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