

Product Application and Use Parameters

PRODUCT	LIFE	BEST USE	LIMITING FACTORS	COST
Paint Pvt Mkg	6mos. To 1 year	Low ADT All Surfaces	Quick wear in turning Traffic Wear causes glass beads to Dislodge and reduce retro-reflectivity	A
Thermoplastic Mkg	3 Years Plus	All ADT's Asphalt only	Color Is strong for life of line Retroreflectivity is good for life of line due to intermix glass beads Asphalt 180 days or older must have mastic applied prior to application of thermo-plastic.	B
Spray Thermoplastic	1 to 2 Years	All ADT's All Surfaces	Color and bead retention is good. Wear is 3 to 4 times that of paint. Used as a direct replacement for Paint as a longer wearing line. Used for recapping / restriping thermoplastic. Long line application only, 30 second to 1 minute setup.	C
Epoxy Mkg	3 Years Plus	All ADT's All surfaces	White will gray slightly through life Glass bead retention is excellent Setup in spec temperatures is 15 to 20 minutes Cold temperatures up to 2 hours Cone all applications New concrete must have curing compound removed with sandblast, waterblast, or scarification. Existing pavement and or markings must be cleaned by sandblast or waterblast to remove oxidation. Any pavement markings other than epoxy or polyurethane should be removed before application of epoxy.	D
Polyurethene Mkg	4 Years	All ADT's All surfaces	White will retain color longer than epoxy Glass bead retention is excellent setup in spec temperatures is 2 to 5 minutes Cold temperatures require up to 1 hour Cone all applications. Pavement preparation same as epoxy.	E
Polyurea Mkg	3 Years	All ADT's	Color is maintained thru Life	F

All surfaces Glass bead retention is excellent
Setup in spec temperatures is 2 to 15 minutes Cold temperatures up to 40 minutes Moisture on pavement reduces bond. See epoxy section for pavement preparation.
Cone all applications.

Preformed Tape 6 years Inlay
3 years
Surface App.

All ADT's All surfaces Color and wear is good If product is inlayed in hot asphalt must be Applied at 150 degrees asphalt temp, Surfaced applied 50 degree ambient temp with no rain for 24 hours, Follow surface prep info from manufactures G

Cost

- A Paint Price
- B 4 to 5 times A
- C 3 to 4 times A
- D 4 to 5 times A
- E 5 to 6 times A
- F 8 to 9 times A
- G 19 to 22 times A