Illinois Department of Transportation
Bureau of Materials

SHELF LIFE OF PAVEMENT MARKING MATERIALS

July 17, 2020

This list replaces the November 1, 2019 list.

Standard Specifications for Road and Bridge Construction (Adopted April 1, 2016)
Note: Prior to use, each lot of material shall be submitted for acceptance testing at CBM.
For information on Producers or Materials, contact the Analytical Chemistry Lab at 217-782-7218.

	Traffic Paint			Thermoplastic/Preformed Thermoplastic			Pavement Tape	
5372-05	Ennis Paint, Saverton MO	Shelf Life	5230-01	Crown Tech, Woodbury GA	Shelf Life	4741-01	Brite-Line, Denver CO	Shelf Life
	Latex, All Colors	1 Yr		Alkyd, Hydro Extrude	1 Yr		Type B- Deltaline XRP	2 Yrs
	A-A-2886, All Colors	1 Yr		Alkyd, Hydro Spray	1 Yr		Type 3	2 Yrs
5372-01	Ennis Paint, Ennis TX		5372-01 (08)	Ennis, Ennis TX (Thomasville NC)			Type 4 Deltaline TWR	2 Yrs
	HPS 3- Epoxy	2 Yrs		Alkyd, Hydro Extrude	2 Yrs		Blackout Tape Black Delta Removable	2 Yrs
	HPS 4- Urethane	2 Yrs		Alkyd, Hydro Spray	2 Yrs	668-01	Flex-O-Lite, Fenton MO	
	HPS 5- Polyurea	2 Yrs		PreMark Preformed Thermoplastic	2 Yrs		Type 1- FOL300	1 Yr
4408-01	Epoplex, Maple Shade NJ		3181-03	Swarco, Columbia TN			Type 3- FOL600	1 Yr
	LS 50- Epoxy	2 Yrs		Alkyd, Hydro Extrude	1 Yr	3924-01	Tape 4 LLC, St. Louis MO	
	LS 65- Modified Urethane	2 Yrs		Alkyd, Hydro Spray	1 Yr		Type 1- Aztec Type I Eng. Grade	1 Yr
	LS 90- Polyurea	2 Yrs	2311-04	Potters, Brownwood TX			Type 3- Aztec Type III Removable	1 Yr
3017-01	Davies Imperial, Hammond IN			Pelletized- Thermo Drop	2 Yrs	1929-03	Three M, Guin AL	
	Latex, All Colors	1 Yr	6855-01	Ozark Materials LLC, Montgomery AL			A380/381IES Type B	1 Yr
	A-A-2886, All Colors	1 Yr		Alkyd Extrude	1 Yr		A380/381AW Type D	1 Yr
76-02	Diamond Vogel, Iowa City IA			Preformed Thermoplastic	2 Yrs		A710/711 Type 4	1 Yr
	Latex, All Colors	1 Yr	7209-01	Geveko Markings			A715 Blackout	1 Yr
	A-A-2886, All Colors	1 Yr		Optamark Preformed Thermoplastic	1 Yr	3181-03	Swarco, Columbia TN	
4036-01	Poly-Carb, Cleveland OH						Type 1- Visa Line	2 Yrs
	Mark 55.3- Epoxy	1 Yr					Type 3- Director 2	1 Yr
	Mark 75.4- Polyurea	1 Yr					**Glass Beads**	
1772-11	Sherwin Williams, Memphis TN					2311-03 (08)	Potters Industries, Apex NC (Muscatine IA)	
	Latex, All Colors	1 Yr					Type B- Illinois Type B	NA
1929-04	Three M, Brownwood TX						Epoxy- E16 or Illinois Type 4	NA
	Polyurea, All Colors	1 Yr		Traffic Paint Continued		3181-03 (04)	Swarco, Columbia TN (Mexia TX)	
3181-05	Swarco, Denver CO		6855-01	Ozark Materials LLC, Montgomery AL			Type B- Swarcoflex	NA
	MUFA-10 Modified Urethane	2 Yrs		Latex, All Colors	1 Yr		Epoxy- Mega-Lux	NA
	MFUA-12 Polyurea	2 Yrs						

Most Producers embed the manufacturer's date within the lot number of the product. Below are examples from the different producers and a breakdown of the date within their lot numbers.

Brite-Line Pavement Marking Tape

Example: 03119A1

Julian date: 031, Year: 19, A1 signifies number of runs that day.

Crown Tech Thermoplastic

Example: 08168 or 1804

Month: 08, Day: 16, Year: 18, 1804 is the sequential batch count for the year.

Diamond Vogel Traffic Paint

Example: T182985897

T: Traffic product, Year: 18, Julian date: 298, Last 4 digits: Sequential batch count for the year.

Ennis Traffic Paint

Example: MP1903W0011

M: Hannibal MO location, P: Latex, Year: 19, Month: 03, W: Color, 0011: Sequential batch count for the year.

Example: TE1903Y0012

T: Ennis TX location, E: Plural component, Year: 19, Month: 03, Y: Color, 0012: Sequential batch count for the year.

Ennis Thermoplastic

Example: TT1803W0243 or 18-001

T: Ennis Texas location, T: Thermoplastic, Year: 19, Month: 03, W: Color, 0243: Sequential batch count for the year. 18-001: First batch of Illinois material for 2018 season.

Ennis Preformed Thermoplastic

Example: BS1091019

BS1: Line material was produced on at plant, Month: 09, Day: 10, Year: 19

Epoplex Traffic Paint

Example: 181127058S

Year: 18, Month: 11, Day 27, remaining digits are for internal use of the manufacturer.

Flex-O-Lite Pavement Marking Tape

Example: 0712183677A

Month: 07, Day: 12, Year: 18, the last four digits and letter are for the manufactures tracking purposes.

Geveko Markings Inc

All material will have the date of manufacture on a Certificate of Compliance that will accompany the material.

Ozark Materials LLC Traffic Paint

Example: 022819WM001

Month: 02, Day: 28, Year: 19, W: White paint, P: Plant location, 001: number of truckloads for the year.

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Ozark Materials LLC Thermoplastic

Example: 073118WG0420 (18-01)

Month: 07, Day: 31, Year: 18, W: White , G: Plant Location, 0420: number of truckloads for the year. 18-01 First batch of Illinois material for 2018 season.

Ozark Materials LLC Preformed Thermoplastic

Example: 091719WC0339

Month: 09, Day: 17, Year: 19, WC White, Batch number: 0339 (sequential).

Potters Beads

Example: MU-H-020419-101

MU: Muscatine plant, H: highway line, Month: 02, Day: 04, Year: 19, 1 is the 1st load packed that day. 2nd load would be 2 etc., and 01 is the pallet # from that lot.

Potters Thermoplastic

Example: BW-TW-082918-02 10 (18-8)

BW: Brownwood Texas plant, TW: ThermoDrop White, Month: 08, Day: 29, Year: 18, 1 is the 1st load packed that day. 2nd load would be 2 etc., and 10 is the pallet # from that lot. 18-8: 8th lot of Illinois material for 2018.

Sherwin Williams Traffic Paint

Example: MP0419ZZ

MP: Memphis facility, Julian date: 041, Year: 9, ZZ Batch fill designation.

Swarco Pavement Marking Tape

Example: 9211

Year: 9, Month: 2, Product: 1, Batch:1. Product code: 1- white engineer grade (VisaLine), 2- yellow engineer grade (VisaLine), 5- white director 2, 6- yellow director 2

Swarco Colorado Traffic Paint

Example: L180300008

Year: 18, Month: 03, 0008: Sequential batch count for the year. All materials should have both manufacturer's date and lot number on labels.

Swarco Thermoplastic

All material will have the date of manufacture from a slip sheet located between the layers of stretch wrap. Each 50-pound bag contains the lot number, but the lot number does not include the date.

Three M Traffic Paint

Example: 181711

Year: 18, Julian date: 171, Last digit is the lot produced that day.

Three M Pavement Marking Tape

3M states to store in a cool, dry area indoors and use within one year of receipt. The contractor should provide the date, if not 3M would be able to provide the correct information. 3M would also be able to provide written approval to extend the shelf life under the correct conditions.