



PRODUCT DATA SHEET

52 Series Drew Mastic High Build Epoxy Mastic

PRODUCT DESCRIPTION:

Drew Mastic is a self priming, surface tolerant high build coating that is designed to be applied to hand and/or power tool cleaned substrates. Drew Mastic has good chemical resistance for splash/spill exposure.

INTENDED USES:

Recommended as a protective coating for industrial facilities, I-beams, storage tanks, marine and offshore structures. Drew Mastic may be used as a primer/finish, or as a high build primer for epoxy or urethane top coats.

PHYSICAL PROPERTIES:

Vehicle Type:	Epoxy Resin
Color:	White, Deep, Clear Base and Standard Colors
Finish:	Semi-Gloss
Solids By Volume:	80% Avg. (+/-2%)
By Weight:	90% Avg.
Viscosity:	110-115 Krebs Unit
V.O.C.	1.40 lbs. per gal / 166grams per litre Catalyzed
Pot Life	6 hours @ 70°F
Recommended Dry Film Thickness:	6-8 mils
Theoretical Coverage:	156-205 sq.ft. per gal.

DRY TIME:

Substrate Temp.	Tack Free	Dry to Recoat Minimum	Dry to Recoat Maximum
50°F	8 Hours	24 Hours	(*) 7 days
77°F	2.5 Hours	6 Hours	(*) 7 days
95°	1 Hours	2 Hours	(*) 7 days

(*) See dry times on back of data sheet for more information.

NOTE: Drew Mastic like most epoxies will yellow, fade and chalk when exposed to sunlight and certain types of interior lighting. This is a natural occurrence and does not affect the performance of the coating.

DRY TIMES:

Normally there is no overcoating limit provided that the surface is free from chalking and other contaminants prior to application. To insure the best intercoat adhesion, it is recommended that you apply the subsequent coat before the preceding coat has fully cured. If coating has cured, scuff sand area to remove surface gloss.

SURFACE PREPARATION:

Surfaces that are to be coated must be clean, dry and free of surface contaminants. For best performance, blast clean to an SSPC-SP6 Commercial Blast Cleaning. When blasting is impractical or not possible use SSPC-SP2 Handtool and/or SP3 Powertool cleaning methods to prepare surfaces

MIXING:

Drew Mastic is supplied in a 2 component product, 4:1 mix ratio, stir separate components thoroughly before mixing together. Combine base and catalyst, using a powered drill mixer mix activated material for 2-3 minutes. Do not activate more material than you can use within the stated pot life.

THINNING: Do not exceed regulatory limits

Brush/Roll – Not normally required, recommended no more than 10% reduction with 8017 Epoxy Reducer.

Airless Spray – If required 5-10% of 8017 Epoxy Reducer (½ pint per gallon)

Conventional – Reduce up to 20% or as needed with 8017 Epoxy Reducer.

APPLICATION:

Airless – recommended tip sizes (.017-.021)

Air Assisted Airless – Kremlin Model 17:35 or larger, MX Gun

Conventional – Binks Model 2001 or equivalent

HVLP – Binks Model Mach 1

Brush/Roll – Thinning may be necessary

Top Coat:

Drew Mastic may be used as a primer/finish coat or can be top coated with epoxy, urethane or, alkyd enamel.

CLEANING UP:

Xylene, MEK

Shelf-Life:

Solvent Based Alkyds and Acrylics:

12 months from date of manufacture to meet original QC specifications.

*factory sealed containers stored under normal warehouse conditions.

“Practical” shelf life of oil based paints can be up to 2 to 3 years if container has not been opened.

ORDERING:

These products are available in 1 and 5 gallons kits.

COMPLIANCE: Federal Regulations:

RULE	CATEGORY	MAXIMUM LEVELS	COMPLIANT
NESHAP	General	340 g/l	Yes
Automobile Refinishing	Primers	580 g/l	Yes
AIM	Industrial Maintenance	450 g/l	Yes

SAFETY:

Products are intended for industrial use only; improper handling and misuse may be hazardous. Please refer to the Material Safety Data Sheets for more detailed safety information.

COMPLIANCE:

This product meets the VOC requirements for NESHAP and AIM regulations. Solvent reduction should not exceed those allowed per VOC regulations.

NOTE:

This information is based on technical data that we believe to be accurate and reliable and is intended to be used by persons having the knowledge and skill to apply these coating properly. We assume no responsibility for results or damages incurred from their use by the Buyer in whole or in part.

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52 Series**

EPOXY SECTION