

COMPLIANT COATING SYSTEM

DTM EPOXY PRIME/SEAL



VOC: 250 g/l, 2.1 lb/gal (Combined Components) Meets Air Quality Regulations

DTM EPOXY PRIME/SEAL is an excellent corrosion resistant primer that offers optimum adhesion and superior hide to many types of properly prepared metal, aluminum, fiberglass and plastic filling materials. DTM EPOXY PRIME/SEAL, is easy to sand and topcoat with all current base coats. It can be used as a sealer and applied wet-on-wet when reduced with a compliant reducer. DTM EPOXY PRIME/SEAL is chromate free.

ADVANTAGES:

- ▼ Optimum adhesion
- ▼ Corrosion resistance
- ▼ Superior hide
- ▼ Easy to sand



Product Numbers:

KEP505 (Part A-Gray), KEP506 (Part A-Black),
KEP507 (Part A-White), KEP502 (Part B)

DIRECTIONS FOR USE

DTM EPOXY PRIME/SEAL must be prepared by mixing 2 parts of part A- KEP Epoxy Prime base with 1 part of part B -KEP-502 Hardener (by volume). Any mixture of DTM EPOXY PRIME/SEAL A & B will have the hazards of both components. Before opening the packages, READ ALL WARNING LABELS. FOLLOW ALL PRECAUTIONS.

SURFACE PREPARATION

Prior to application, the surface must be dry, clean and free from wax, grease, oil, rust, dirt or any other foreign matter. Use a surface cleaner on unpainted surfaces or a grease and wax remover on painted surfaces. Sand and featheredge original finish with 220 or 320 wet or dry sandpaper.

MIXING - IMPORTANT

Contents must be mixed thoroughly. Do not mix more material than can be used in one application. No induction time is required.

MIXING RATIO:

- If used as a primer surfacer, mix and spray as follows: 2 parts of Part A - KEP Epoxy Prime Base to 1 part of Part B - KEP 502 Hardener (by volume).
- If used as a sealer, reduce and apply as follows: 2 parts of Part A-KEP Epoxy Prime Base to 1 part of Part B - KEP 502 Hardener to 1 part KR reducer (by volume).

POT LIFE

The usable pot life of the mixture is 6 hours at 77°F. The pot life will shorten at higher temperatures.

THINNING

No thinning is required when used as a primer/surfacer. When used as a Sealer, please see MIXING instructions for thinning the catalyzed mixture.

APPLICATION

When used as a primer/surfacer, apply a wet coat with 5 minutes flash off time. Follow with a medium wet coat. Allow 15 minutes between subsequent coats. Do not apply more than 3 medium coats. When used as a sealer, apply only 1 wet coat.

SANDING

Depending on temperature, DTM EPOXY PRIME/SEAL can be sanded after 5 hours. For optimum results, dry sand using 320 to 400 grit paper. If wet sanding is preferred, surface must be completely dry prior to applying topcoat.

CLEANING

Equipment should be cleaned immediately after use with KT912 compliant solvent in an enclosed system.

TECHNICAL DATA

Product Number:	KEP505 (Base-Gray), KEP506 (Base-Black), KEP507 (Base-White) KEP502 (Hardener)
VOC:	Less than 250 g/l, 2.1 lb/gal
Color:	Gray or Black
Finish:	Flat
Solvent(s):	Ketones, Alcohols, Glycol Ether, Parachlorobenzotrifluoride, Xylene & Toluene
Flash Point:	1°F/TCC (Base), 40°F/TCC (Hardener)
Solids by Weight:	50% - 57%
Solids by Volume:	36% - 42%
Theoretical Coverage (Primer):	672 square feet per gallon @ 1 mil DFT
Theoretical Coverage (Sealer):	576 square feet per gallon @ 1 mil DFT
Viscosity :	15-17" Zahn Cup #2 @ 77°F
Dry-To-Touch:	1 hour
Recoat time:	48 hours
Shelf Life:	2 years from date of manufacture

NOTE: FOR USE BY PROFESSIONAL, TRAINED PERSONNEL, USING PROPER EQUIPMENT WITH STANDARD SAFETY PROCEDURES. NOT INTENDED FOR SALE TO THE GENERAL PUBLIC. FOR PROFESSIONAL USE ONLY. NOT FOR RESIDENTIAL USE.

REFER TO THE PRODUCT LABEL AND MATERIAL SAFETY DATA SHEET (MSDS) FOR CAUTIONS AND WARNINGS PERTAINING TO THIS PRODUCT.

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