PermaSET 9150
Fast Epoxy Mid-Coat Clear

TECHNICAL DATA SHEET

Surface Engineered Technologies

A MULTI-USE EPOXY COATING

SET9150 is two-component top coat / midcoat / sealer for interior epoxy flooring systems designed to give maximum protection. As a top coat it gives the surface a glossy wet look.

Recommended For:

- Interior Use
- Commercial and Garage Floors
- Sealing of Decorative Epoxy Floor System
- Midcoat Layer in Epoxy System

Features:

- Excellent Gloss
- Outstanding Flow and Leveling
- Two-Component Pkg.
- Zero VOC
- Quick Re-Coat Time

FOR INDUSTRIAL USE ONLY

Surface Preparation: *May be applied over cured concrete. New concrete should cure for at least 30 days before coating. Remove any tile or carpet. Residual dirt and dust should be removed by sweeping or high-pressure wash. If necessary, use concrete cleaner to remove grease, paint and oils, then rinse. If existing concrete has cracks and unevenness, epoxy weld to reinforce and correct gaps in concrete.*

Recommended Primers:

Not applicable as a sealer HydroSET and PermaSET product families as a topcoat/midcoat

Colors:

Clear

Shipping Weight:

(approximate due to color, fill level and pigment)

SET9150 1.5 Gal Kit: (A)11 lbs. / (B) 4.6 lbs.

APPLICATION DATA

Optional Enhancers:
Not applicable

Wet Film Thickness:
3–4 mils per coat

Dry Film Thickness:
3–4 mils per coat

Pot Life @ 77°F (25°C):
15 minutes dependent upon volume and temperature.
Doubling the volume or an increase in temperature will shorten the pot life.
Work time: 30 minutes

EQUIPMENT:

Apply by Roller or Brush:

HVLP:
Not applicable

AA Airless:
Not applicable

Roller:
14" or 18" 3/8" nap roller
shed resistant

Brush:
3" natural China brush
(for edging and cutting only)

Squeegee:
solid neoprene

MIXING AND THINNING:

Do not mix until ready to use. Thoroughly mix. Watch the pot life. If material or ambient air is greater than 77°F (25°C) or if mixing more than a gallon of product at one time, pot life is dramatically shortened. If necessary, thin up to 30%, depending on application and temperature, with SET 601 (exempt solvent).

Mixing:	SET9150 (A) / 2	:	SET9150 (B) catalyst / 1	:	SET601 / 0.5

CURE SCHEDULE @ 77°F (25°C):

Tack Free	4 hours 30 minutes
Drying Time	8 hours
Curing Time	5 days
Recoat	8 hours
	16 hours maximum (degloss and recoat)

STORAGE CONDITIONS:

Store indoors @ 40°F–110°F (4.4°C–43.3°C)

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CHEMICAL RESISTANCE

Although SET9150 exhibits resistance to these environments, this list is not meant to imply an express guarantee in actual service. It is recommended that the user contact Surface Engineered Technologies (SET) for specific recommendations when severe exposure is expected.

ACIDS
SOLVENTS
ALKALIS
OILS
ANIMAL FATS

PHYSICAL PROPERTIES

PROPERTY	VALUE*
Finish	Super High Gloss
% Solids by Volume	100% ± 2%
% Solids by Weight	100% ± 2%
Theoretical Coverage @ 1 mil	1604 sq. ft. per gallon, depending on color *The actual coverage will be less depending on application techniques, job conditions and type of surface to be coated.*
Viscosity at 77°F (25°C)	87 KU
VOC Actual	0 g/L / 0 lbs./gal.
VOC Regulatory	0 g/L / 0 lbs./gal.
Flash Point	Part A: >212°F (>100°C) / Part B: 212°F (100°C)
Weight of Volatiles	0%± 2%
Weight of Exempt	0% ± 2%
Volume of Exempt	0% ± 2%
Shelf Life (when kept at the recommended storage conditions and in original, unopened containers)	12 months @ 77°F (25°C)
Pigment Type	Not Applicable
Solvent Type	Not applicable
Vehicle Type	Bisphenol A.

Values listed will be color dependent
Values blended 2A:1B

SAFETY

Read Safety Data Sheets and container label cautions and warnings for important safety and health information prior to use. KEEP OUT OF REACH OF CHILDREN.

Ventilation: When using in enclosed areas, adequate air circulation must be used during and after application until the coating is fully cured. The ventilation system should be capable of preventing the solvent vapor concentration from reaching the lower explosion limit for the solvents being used. If the user is not sure or not able to monitor the levels, then use an approved (MSHA/NIOSH) respirator.

Caution: This product contains flammable solvents. Keep away from sparks and open flames. All electrical equipment/installations should be grounded in accordance with the National Fire Protection Association's (NFPA 70®)/National Electric Code® (NEC®). In areas where potential explosion hazards exist, personnel should be required to use non-ferrous tools and wear conductive, non-sparking shoes.

DISCLAIMER

At the time of publication, the product and technical data contained herein is believed to be accurate by Surface Engineered Technologies (SET). SET is committed to the continual improvement of its coatings, which may cause future product/technical data to change without prior notice. Our products are intended for use by properly trained personnel in industrial applications. Product performance will depend upon surface preparation, technique, method of application, surface to be coated and environmental conditions. However, there is no guarantee of comprehensiveness, accuracy or product performance given or implied herein. SET recommends that products be tested regarding these parameters prior to final use. ***Always refer to the current Safety Data Sheet before use.***

WARRANTY: *Surface Engineered Technologies (SET) warrants its products to be free of defects in materials and workmanship. Since SET has no control over surface preparation or application methods, no guarantee concerning results is offered, expressed, or implied. If this product is found to be defective, liability shall be limited to the refund of purchase price or replacement of product.*