

E100BASE

TECHNICAL DATA SHEET

Rev. 12-2019



Physical Properties

VOC CONTENT

0 g / L

RECOMMENDED APPLICATION THICKNESS

8 mils per coat

SHELF LIFE

12 months unopened.
Store at 40°F to 100°F in a covered area (out of the sun).

POT LIFE

20 to 25 minutes

MINIMUM RE-COAT

4 hours minimum

LIGHT FOOT TRAFFIC

12 hours minimum

MAXIMUM RE-COAT

24 hours

MIXING RATIO

2 parts A; 1 part B

ADHESION TESTING

500 PSI Substrate Failure

SHELF LIFE

2 years unopened

100% SOLIDS EPOXY

DESCRIPTION

E100BASE is a 100% solids, low viscosity, self-leveling epoxy coating with excellent adhesion to concrete and metal substrates. E100BASE can be used as a concrete sealer or as a topcoat. E100BASE can be used in chip and metallic systems and is compatible to K100FLEX.

FEATURES AND BENEFITS

- Walk-on in hours, 24 hour return to service
- No Odor, no VOCs
- Excellent abrasion, impact and wear resistance
- Maximum re-coat time: 24 hours
- Excellent adhesion to concrete/metal
- Micro-media agents can be introduced as traction additives

TYPICAL USES

- Multi-coat commercial and industrial solid color concrete/metal coating system consisting of multiple pigmented coats and clear top coat(s)
- Suspended concrete slabs
- Concrete tanks
- Flooring systems
- Concrete sound barrier walls
- Decks

COVERAGE

MILS	Sq. ft. per coat/gallon
4-MILS	401
5-MILS	321
6-MILS	267
7-MILS	229
8-MILS	200
9-MILS	178
10-MILS	160

Coverage rate is theoretical and may vary due to the porosity and profile of concrete.

SURFACE PREP

Concrete structures must be cured a minimum of 28 days prior to application. Surfaces to be coated must be free of grease, standing water and any other contaminants that may impede adhesion. Always check the surface for any bond inhibitors prior to application. Any repairs must be addressed prior to application and should be repaired in accordance with ICRI standards. Concrete must have a surface profile of CSP #3. If concrete does not meet a profile of CSP #3 it must be profiled mechanically to meet CSP #3. Repair all cracks and joints prior to coating application. Bare metal substrates must be prepared to a SSPC SP 1 standard.

Note: Maintaining a consistent storage temperature prior to application will maximize working time. Material should be kept in a cool dry place prior to application.

MIXING DIRECTIONS

Mixing Part A with Part B:

Mix 2 parts E100BASE to 1 part EZ150. Mix for 3 minutes. No induction time is required prior to use. If micro-media agents are to be incorporated, they are to be added after thoroughly mixing A and B.

APPLICATION

Suggested application thickness is 8 mils or 200 ft per coat, per gallon. Refer to ACP tech docs directly for specifics on effective application techniques. Maximum application mil thickness in a single application is 10-12 mils. Material will be dry to the touch 4 hours after application, dependent on ambient temperature, slab temperature and humidity.

Product may be re-coated within 4-24 hours following application. Light foot traffic is acceptable 12 hours following application and vehicular traffic is acceptable 48 hours after application.

CLEAN UP

Use MEK or Acetone

PACKAGING

3 gallon kit, 15 gallon kit, 150 gallon kit

SAFETY

E100BASE contains 100% solids epoxy. Do not ingest. If E100BASE comes in contact with eyes flush immediately with water. Read the container label warning and Safety Data Sheet prior to use.

**WARNING: DO NOT ALLOW TO FREEZE**