

PRODUCT DESCRIPTION

E2U's E1-NG Primer is a fast drying primer that eliminates the need to grind your floor. It provides chemical bonding to substrate and becomes one with the surface it is applied to. E1-NG Primer is the first step in our No Grind System.

- The full system includes:
- o E2U E1-NG Primer
 - o E2U Polyurea Basecoat
 - o Flake
 - o E2U Polyaspartic Ultra

MIXING

Mix 1 quart of E1-NG Primer, mix with 1 gallon of acetone.

Mix thoroughly for 60-90 seconds.

PRODUCT DATA

Volumetric Ratio	Single Component
Solids	100%(+/- 1%)
Coverage	500sqft/gal (4-8mils)
Application Temperature	55°-90°F
Pot Life	2 Hours
Working Time on Floor	15 min.
Dry Time	20-30 min.
Critical Re-Coat Time	60 mins.
Shelf Life	12 months
USDA Food & Beverage	Meets Req.

APPLICATIONS

- Garage floors
- Clean rooms
- Manufacturing facilities
- Automotive showrooms
- Commercial kitchens
- Grocery Stores
- Laboratories
- Basements
- Kennels
- Restrooms
- Locker rooms
- Aisle ways

ADVANTAGES

- No Concrete Dust
- Environment Friendly
- Can be applied virtually every substrate including; concrete, tile, wood, metal and existing coatings
- VOC Free
- Easy to Use
- Saves prep time
- No need for heavy grinders
- Limits air pollution
- 100% Solids

PHYSICAL PROPERTIES

PROPERTY	VALUE	REFERENCE
Bond to Concrete	350 psi	ASTM D 4541 (Concrete fails at this point)
Flammability	Self-extinguishing	
Flash Point	>200°F	

PACKAGING

1 QUART

1 GALLON

REPAIR CRACKS

Voids, cracks and imperfections will be seen in finished coating if the concrete is not patched correctly. E2U Joint Filler (Crack Repair) and/or E2U Rapid Mender to fill cracks and imperfections. After the materials are cured, diamond grind patch. If another patching material is used, contact a E2U technical representative for a compatible and approved alternative.

MOISTURE VAPOR EMISSIONS WARNING

All concrete floors without effective moisture vapor barrier are subject to possible moisture vapor transmission that may cause blistering and failure of the coating system. It is the applicator's responsibility to conduct calcium chloride and relative humidity probe testing to determine vapor emissions prior to applying any coating. E2U can supply moisture remediation products MVB15 (MOISTURE VAPOR BARRIER) that are up to 15 lbs. E2U sales agents will not be responsible for coating failures due to undetected moisture vapor emissions.

CLEAN UP

Thoroughly clean all tools and equipment with acetone, including sprayer.

Any leftover product will harden and solidify after 48 hours

APPLICATION INSTRUCTIONS

Application of E2U E1 No Grind Primer

MIXING

Mix 1 Quart of E1-NG Primer, mix with 1 gallon of acetone.

Mix thoroughly for 60-90 seconds.

ROLLING

Pour the E1 Primer mixed with acetone into an 18" roller tray

Using the dip and roll method, quickly and evenly apply the primer to the substrate.

SPRAYING

Using an acetone/solvent sprayer, spray the E1 Primer mixed with acetone and evenly coat the substrate.

TURN OFF ALL FLAME SOURCES BEFORE APPLYING

WARNING! SLIP AND FALL PRECAUTIONS

OSHA and the American Disabilities Act (ADA) have now set enforceable standards for slipresistance on pedestrian surfaces. The current coefficient of friction required by ADA is .6 on level surfaces and .8 on ramps. E2U Flooring recommends the use of angular slip-resistant aggregate in all coatings or flooring systems that may be exposed to wet, oily or greasy conditions.

It is the contractor and end users' responsibility to provide a flooring system that meets current safety standards. E2U or its sales agents will not be responsible for injury incurred in a slip and fall accident.

Handling Precautions

Use only with adequate ventilation. Appropriate cartridge-type respirator must be used during application in confined areas. Avoid contact with skin. Some individuals may be allergic to epoxy resin. Protective gloves and clothing are recommended.

WARRANTY

E2U products are warranted for one year after date of purchase. Please refer to the Limited Material warranty for additional clarification.



MADE IN USA

KEEP OUT OF REACH OF CHILDREN