



## TECHNICAL DATA SHEET

# E1200 WATER BASED EPOXY PRIMER

This water based epoxy primer features extended potlife, rapid cure and easy workability. E1200 exhibits excellent characteristics that rival solvent based products with substrate adhesion with virtually no odor.

### BENEFITS AND FEATURES

- Foot traffic in 1-2 hours, recoat within 24 hours
- Easy to mix four to one ratio
- Extended potlife for ease of use
- Maximum adhesion to substrate
- Extreme flexibility and elongation properties
- Rapid cure to eliminate down time
- Low temperature cure
- Zero VOC's
- Can be tinted any color to accent metallic's

### USES AND APPLICATIONS

- Garages floors
- Basements
- Automotive shops
- Dog kennels
- Parking decks
- Bathrooms
- Maintenance facilities
- Sidewalks and walkways
- Front entry ways
- Showrooms

### PACKAGING

Product ships clear and can be tinted using Penntek Universal tint packs. Custom colors available. Available in 2 and 5 gallon kits.

### PRODUCT PHYSICAL PROPERTIES

Adhesion	425 psi
Viscosity	400-900 clear
Impact resistance	Pass
Flexibility (1/8 Mandrel)	ASTM D2794 Pass

Gloss	satin
Tabor Abrasion Mg Loss	ASTM D4060 54

### PRODUCT CURE TIMES

Tack Free Time @ 70 Degrees	60-120 Mins
Hard Dry	2-3 Hours
Foot Traffic	1-2 Hours
Re Coat	24 Hours

### ADHESION

ASTMD 4541 Elcometer	
Concrete Substrate Failure	425 PSI
Steel Delamination	1100 PSI
Wood Substrate Failure	500 PSI

### SURFACE PREPERATION

New concrete must have a 28 day cure and CSP 2-3, prior to coating. In the case of older concrete flooring, remove all surface oils, paint, dust and debris. Prior to coating, make sure the surface is clean, and passes the MVT. Fix any needed repairs using CR Mender or CR Patch and Coat before application.

### RECOMMENDED COVERAGE RATES

Coverage rates based on 1600 square feet per gallon at 1 mil in thickness. Coverage rate will vary depending on application and substrate condition. Shot blasted floors will require more product than ground floors.

Roll application using 3/8" nap roller 300-350 sf/gal

### MIXING RATIO OF 4 PART A PART B

Always pre mix each side before use. Mix with low speed drill for 2 minutes. Do not whip product or induce air as it will reduce pot life. Never mix more than 1.25 gallons at any time and mix smaller batches for cutting in edges or verticals. Apply with a brush, or 3/8" nap lint free roller.

### REDUCERS

E1200 should not be reduced.



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### STORAGE

All containers should be stored at 40° F to 95° F and be kept tightly sealed and out of direct sunlight. Shelf life of unopened containers is 12 months.

### CLEAN UP

All tools should be cleaned with MEK or Acetone as soon as possible after application.

### WARRANTY

Penntek Industrial Coatings warrants to the purchaser of its products that such products are free from manufacturing defect. Penntek Industrial Coatings does not warrant or guarantee the workmanship performed by any person or firm installing its products. Penntek Industrial Coatings obligation under this warranty is limited solely to the original purchaser and solely to the remedy of replacement in kind of any product which Penntek Industrial Coatings sold which may prove defective in manufacture within one year from date of installation, provided said product was stored correctly and installed within the product's shelf life, by the original purchaser and which Penntek Industrial Coatings examination shall disclose to Penntek Industrial Coatings satisfaction to be thus defective.

**Please read material safety data before using product.**

### Disclaimer:

All statements and recommendations are based on contractor experience and is believe to be reliable. Penntek Industrial Coatings make no warranty, expressed or implied, as to results or hazard from its use. The suitability, risk and liability whatsoever of a product for it's intended use shall be solely up to the User. Penntek Industrial Coatings reserves the right to investigate any misuse of products and information.