



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:

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