

### DESCRIPTION

Perdure E32 is a water emulsion epoxy primer/sealer designed to have a maximum penetration into concrete surfaces to provide high bond strength and adhesion. Specially formulated to reduce concrete outgassing, *Perdure E32* has the ability to be applied to recently poured (green) concrete and achieve excellent adhesion. *Perdure E32* has very low odor and can be used in occupied areas. Ideal for both new and old concrete surfaces, *Perdure E32* is used as a primer for *Perdure* high build and Thin Film Coating Systems.

### ADVANTAGES

- Low odor during application and cure
- Fast dry and re-coat time
- Easy clean-up
- Can be used on damp/green concrete
- Greatly reduces the probability of concrete outgassing

### SUBSTRATE REQUIREMENTS

- Substrate temperature must be a minimum of 50 °F and relative humidity below 85% for proper curing.
- Substrate must be free of dirt, waxes, curing agents and other foreign materials

### COMPOSITION

- Water-borne epoxy resin

### COLOR SELECTION

- *Perdure E32* is available in CLEAR formulations only

### APPLICATION

Surface Preparation is the most critical portion of any successful resinous flooring system application. All substrates must be properly prepared as outlined in *Duraamen's* Technical Bulletin # 1. Work must be performed by trained or experienced contractors or maintenance personnel. The Duraamen Company's service department is pleased to answer any technical questions.

### INSTALLATION

Mix each component of *Perdure E32* prior to combining together. Mix 2 parts of Part A with 1 Part B and allow to stand 30 minutes before applying. Roll mixed *Perdure E32* at a rate of 250-275 ft<sup>2</sup> per gallon with a shot nap roller. Care should be taken to avoid puddles. Do not build a film of the primer and roll out so that it soaks into the concrete. Two coats of primer may be necessary to ensure uniform wetting and coverage. The second coat may be applied over wet primer after it turns from cloudy to clear. Follow the recoat windows specified below:

- Water based topcoat 1-24 hours
- 100% solids epoxy topcoat 6-24 hours
- Solvent based topcoat 24-36 hours

For complete installation instructions, contact your *Duraamen* representative.

### CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with Xylene or Lacquer thinner. Consult MSDS for safety and health precautions.

### COVERAGE

*Perdure E32* yields 300 ft<sup>2</sup> per gallon at 2 mil dry film thickness.

### AVAILABILITY

*Perdure E32* is available throughout the United States and Canada. Contact *Duraamen* representative in your area for details.

### MAINTENANCE

After completing the application of *Perdure E32*, the installers should provide the owner with maintenance instructions. If floors become slippery due to animal fats, oil, grease, or soap film, clean and rinse thoroughly.

*Perdure E32* is easily cleaned with neutral soaps or detergents. Routine mechanical scrubbing is recommended for all surfaces having a non-skid texture. Waxing is optional. Long periods of heavy traffic may cause wear patterns necessitating application of a finish coat.

## TECHNICAL SERVICE

Duraamen Building & Allied Products, Inc. provides services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces.

## TECHNICAL DATA

Viscosity @ 75°F	300 – 400cps
Mixing Ratio	2 parts A to 1 parts B by volume
Solids Content	38-40% by volume
Volatile Organic Content	<60 gm/L
Bond Strength to concrete	400-500psi (100% concrete failure)
Weight Per gallon	8.75 pounds per gallon, mixed

## CURE/DRY TIME

Pot Life	3 hours
Dry to Touch	4 – 6 hours @ 75°F
Re-Coat	6 – 24 hours @ 75°F
Light Traffic	24 hours @ 75°F
"H" hardness	2 days
"5-H" Hardness	30 days

## WARRANTY

Duraamen Building & Allied products, Inc. warrants for a period of one (1) year that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed and applied in accordance with recommendations of *Duraamen*. If any product fails to meet this warranty, the liability of *Duraamen* will be limited to replacement of any non-conforming material if notice of such non-conformity is given to *Duraamen* within (1) one year of delivery of materials. *Duraamen* may in its discretion refund the price received by *Duraamen* in lieu of replacing the material. No customer, distributor or representative is authorized to change or modify the published specifications of this warranty in any way. No one is authorized to make oral warranties on behalf of *Duraamen*. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. *Duraamen* reserves the right to inspect the non-conforming material prior to replacement. EXCEPT FOR THE EXPRESSED WARRANTY STATED ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. DURAAMEN'S OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND DURAAMEN SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OR ANY OTHER THIRD PARTY FOR ANY LOSS, COST, EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

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