

# Perdure E02

## 100% solids epoxy primer

### DESCRIPTION

Perdure E02 is a 100% solids, moisture tolerant epoxy primer for concrete and masonry surfaces. It combines the properties of water insensitivity with good wetting properties. Perdure E02 provides excellent filling and sealing properties needed under high performance epoxy wall coatings on concrete and cinder block walls.

The moisture tolerance of Perdure E02 allows it to be applied to damp concrete after surface preparation. This includes bonding “old to old” or “new to old” concrete.

### ADVANTAGES

- Low modulus – stress relieving
- Fast cure formulation available for priming under coatings
- Moisture insensitive cure
- Conforms to ASTM C-881 requirements
- Low viscosity-good wetting properties

### SUBSTRATE REQUIREMENTS

- Bonding surfaces must be sound, clean, and free from standing water
- Substrate temperature must be a minimum of 50°F
- Substrate must be free of dirt, waxes, curing agents and other foreign materials
- Perdure E02 should not be installed on new concrete until maximum shrinkage has occurred (at least thirty days after pour)

### COMPOSITION

- Polyamide-modified epoxy resin and wetting agents

### APPLICATION

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

### INSTALLATION

When priming, spread Perdure E02 at a rate of 250-275ft<sup>2</sup> per gallon. Care should be taken to avoid puddles. Application can be made with brush, roller, or squeegee. For mortar applications, allow Perdure E02 to set for 30 minutes before topping. After seven (7) hours, it will be too hard. Coating applications should not be recoated until Perdure E02 is completely cured. To speed up the application process, use fast cure formulation.

For complete installation instructions, contact your Düraamen 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

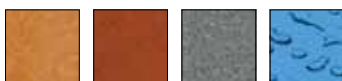
100 to 180 sq.ft. per gallon depending upon the application method and porosity of the substrate.

### AVAILABILITY

Perdure E02 is available throughout the United States and Canada. Contact Düraamen representative in your area for details.

### MAINTENANCE

After completing the application of Perdure E02, the installer 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 E02 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.



## COLOR SELECTION

Perdure E02 is available in Clear or Standard Colors. Custom colors are available subject to laboratory approval, minimum quantity, lead time for production, and increased cost.

## TECHNICAL SERVICE

Düraamen Engineered 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

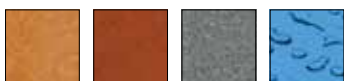
Viscosity @ 75°F	400 – 450cps
Mixing Ratio	2 parts A to 1 parts B by volume
Solids Content	100% Solids by volume
Volatile Organic Content	-0-
Gloss, 600F	Low sheen
Weight Per gallon	9.00-9.50 pounds per gallon, mixed

## CURE/DRY TIME

Pot Life	30-40 minutes
Dry to Touch	6-8 hours @ 75°F
Re-Coat (regular cure)	10-12 hours @ 75°F
Re-coat (fast cure)	4-6 hours @ 75°F
Full cure, max. resistance	5 days

## WARRANTY

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