

# 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 10°C (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

### SURFACE PREPARATION

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

#### Surface Preparation

- Substrate must be free of dirt, wax, curing agents or any foreign matter.
- Substrate and ambient temperature must be at least 50°F and RH below 80 for proper curing.
- Substrate must have efficient vapor barrier.
- Contact Duraamen if MVER is detected.

#### Application

- Mix 3 Parts A with 1 Part B by volume as described in the technical data sheet.
- Apply with a suitable squeegee so as to achieve the desired thickness.
- Allow at least 24 hours @ 70°F before moving on to the next step.

### 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

9m<sup>2</sup> to 17m<sup>2</sup>. per gallon depending upon the application method and porosity of the substrate.

### AVAILABILITY

Perdure E02 is available throughout the United States and Canada. Contact Duraamen 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

Duraamen 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

	Category	5°C	20°C	30°C
Drying time	Set-to-touch	5 hours	3 hours	2 hours
	Dry-through	36 hours	15 hours	10 hours
	Over-coat (Min.)	2 days	1 day	12 hours
	Over-coat (Max.)	1 month	15 days	7 days
	Pot life	1 hour	30 minutes	20 minutes
	Above drying time have been measured under laboratory conditions and may vary depending on the construction site. A film that has passed the maximum follow-up coating time may have adhesive failure. Please apply after checking the proper surface treatment and adhesion.			
Thinner	Not applicable	Dilution ratio	<ul style="list-style-type: none"> <li>• No dilution</li> <li>• In case of high viscosity in the winter season dilute within the volume ration 1%</li> </ul>	
Specific gravity	approx. 1.10 (transparent)			
Thickness	100µm	Gloss	Glossy	
Viscosity	Not applicable	Solid volume	93±3%	
Mixing ratio	Base A / Hardener B = 3 / 1 (Volume ratio)			
Coverage	80 to 150 sq.ft/gallon (4 to 6 sq.m/litre)			

## WARRANTY

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