

DESCRIPTION

Perdure E12 is a 100% solids epoxy glaze specially formulated for excellent clarity and water-white appearance. It is resistant to ultra violet (UV) exposure. *Perdure E12* provides a wear and abrasion resistant finish that resists the normal ambering of epoxy finishes. With low odor and minimal health risks, *Perdure E12* is the ideal seal coat for concrete and polymer concrete overlays.

ADVANTAGES

- Excellent clarity and color retention
- Low odor during application and cure; can be applied in occupied buildings
- UV Resistant epoxy finish
- Meets USDA requirements for food handling applications

SUBSTRATE REQUIREMENTS

- Substrate temperature must be a minimum of 50°F
- Substrate must be free of dirt, waxes, curing agents and other foreign materials

COMPOSITION

- 100% Solids Epoxy Resin with Cycloaliphatic Amines

COLOR SELECTION

- *Perdure E12* is available in CLEAR 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

Installation of *Perdure E12* varies with your application needs. Typically, *Perdure E12* is spread with a notched or flat trowel or squeegee and back rolled with a short nap roller. Care should be taken to minimize the entrapment of air caused by over-rolling. For complete installation instructions, contact your *Duraamen's* technical representative.

CLEAN UP

Clean skin with soap and water. Tools and equipment should be cleaned with Xylene or Lacquer thinner.

COVERAGE

Perdure E12 yields 160 ft² per gallon at 10 mils thickness.

AVAILABILITY

Perdure E12 is available throughout the United States and Canada. Contact *Duraamen* representative in your area for details.

MAINTENANCE

After completing the application of *Perdure E12*, 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 E12 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.

Corporate office

Duraamen Building & Allied Products Inc. 457 Frelinghuysen Avenue, #101, Newark, NJ 07114

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TECHNICAL DATA

Viscosity @ 75°F	800 – 1,000cps
Mixing Ratio	2 parts A to 1 parts B by volume
Solids Content	100% by volume
Volatile Organic Content	-0-
Gloss, 60°F 90-	100
Weight Per gallon	9.00-9.20 pounds per gallon, mixed

CURE/DRY TIME

Pot Life	20-30 minutes @ 75°F
Dry to Touch	8 – 10 hours @ 75°F
Re-Coat	14-16 hours @ 75°F
Light Traffic	18 hours @ 75°F
Full Cure & Maximum Resistance	5 days

CHEMICAL RESISTANCE

REAGENT RA	TING
Acetic Acid – 5%	I
Acetone I	
Ammonia Hydroxide – 38%	R
Beer R	
Brake Fluid	I *
Bleach R	
Citric Acid – 30%	R
Citric Acid – 40%	L
Crude Oil	R
Diesel Fuel	R
Ethylene Glycol	R
Fatty Acids	L
Gasoline I	
Hydrochloric Acid – 15%	R
Lactic Acid – 15%	R
Lactic Acid – 50%	L
Methyl Ethyl Ketone	L
Nitric Acid – 10%	R*
Orange Juice	R
Peroxide – 35%	L
Phosphoric Acid – 85%	L
Skydrol R	
Sodium Hydroxide – 50%	R
Sulfuric Acid – 20%	R
Toluene I	
Urea R	
Vinegar I	
Xylene I	

R – Recommended for continuous service

L – Limited recommendation, occasional spills

* - May cause slight stain or discoloration

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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