

Perdure NE25

100% solids chemical resistant epoxy coating



DESCRIPTION

Perdure NE25 is a 100% solids epoxy modified with novolac epoxy floor coating designed to provide high chemical resistant protection. Perdure NE25 should be used whenever a high build, acid and alkali resistant, protective floor coating is required. It is essentially odorless and therefore, can be used in occupied areas. Perdure NE25 provides a smooth, high gloss finish or, in a heavy body form, an orange peel, textured finish. It is used as a finish coating for High Performance Industrial Floor Systems.

ADVANTAGES

- Superior chemical and stain resistance
- Easy of application
- Bonds very well to cool and damp substrates
- Low odor for use in occupied areas (zero-VOC)
- Suitable for immersion and wet process flooring applications

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

- 100% solids epoxy and novolac epoxy resin modified with cycloaliphatic amines and fillers

COLOR SELECTION

- Perdure NE25 is available in Düraamen's Standard Colors and customs colors as approved.

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 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

Perdure NE25 is normally spread with a trowel or squeegee and back-rolled with a medium or short nap roller. Care should be taken to minimize the entrapment of air caused by over-rolling. Perdure NE25 can also be applied by airless or conventional spray.

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

Perdure NE25 yields 160 ft² per gallon at 10 mils dry film thickness.

AVAILABILITY

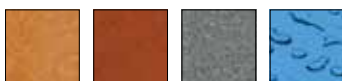
Perdure NE25 is available throughout the United States and Canada. Contact Düraamen representative in your area for details.

MAINTENANCE

After completing the application of Perdure NE25, 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.

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.



düraamen engineered products, inc.

20 Haypress Road, Suite 323 Cranbury, NJ 08512 | duraamen.com | info@duraamen.com | 1.866.835.6595

CHEMICAL RESISTANCE

REAGENT	RATING
Acetic Acid – 10%	R
Acetone	R
Ammonia Hydroxide – 38%	R
Beer	R*
Bleach	L*
Brake Fluid	R*
Citric Acid – 30%	R
Citric Acid –40%	L
Crude Oil	R
Diesel Fuel	R
Ethylene Glycol	R
Fatty Acids	R
Gasoline	R
Hydrochloric Acid-37%	R
Lactic Acid-50%	R
Lactic Acid-80%	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-75%	R
Toluene	L
Urea	R
Vinegar	L
Xylene	L

R-Recommended for continuous service

L-Limited Recommendation, occasional spills

*-May cause slight stain or discoloration

TECHNICAL DATA

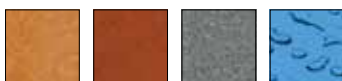
Viscosity @ 75°F	1000cps
Mixing Ratio	2 parts A to 1 parts B by volume
Solids Content	100% by volume
Volatile Organic Content	- 0 -
Weight Per gallon	11.5 pounds per gallon, mixed

CURE/DRY TIME

Pot Life	20-25 minutes @ 75°F
Dry to Touch	6 - 8 hours @ 75°F
Re-Coat	126- 16 hours @ 75°F
Light Traffic	24 hours @ 75°F

WARRANTY

Information regarding Duraamen products is based upon extensive research provided by the supplier of the raw materials. By making such information available, Duraamen Engineered Products Inc. does not assume any liability beyond express terms of our standard limited material warranty. Duraamen Engineered Products does not warrant the accuracy or completeness of any such information, whether conveyed orally or in writing, but to the best of our knowledge believe it to be accurate. We reserve the right at any time and without notice to update or improve our products and process for the intended use or application. Duraamen Engineered Products (Duraamen) 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 of Duraamen is authorized to change or modify the published specifications of this warranty in anyway. 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 OR 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 THIRD PARTY FOR ANY LOSS, COST EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.



duraamen engineered products, inc.

20 Haypress Road, Suite 323 Cranbury, NJ 08512 | duraamen.com | info@duraamen.com | 1.866.835.6595