

DESCRIPTION

Perdüre NE30 is a 100% solids epoxy novolac coating ideal for severe chemical and solvent resistant applications. Low viscosity make *Perdüre NE30* ideal use as a binder in trowelled mortar and slurry systems where resistance to 98% sulphuric acid or other strong caustics is needed. *Perdüre NE30* is excellent for secondary containment, solvent storage, pump pads, trenches and other high exposure areas.

ADVANTAGES

- Low viscosity ideal for trowelled mortar and slurry applications
- Exhibits excellent resistance to strong acids, alkalis and most industrial chemicals and solvents
- 100% Solids – low odor during application and curing

SUBSTRATE REQUIREMENTS

- Substrate temperature must be a minimum of 50°F
- Substrate must be free of dirt, waxes, curing agents and other foreign materials
- Steel surfaces must be free of grease and oils and should have SSPC-SP5 profile

COMPOSITION

- 100% Solids Modified Cycloaliphatic Amine Cured Epoxy Novolac Resin and Fillers

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

Installation of *Perdüre NE30* varies with your application needs. As a coating, it 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. For complete installation instructions, contact your **Düraamen's** technical representative.

CLEAN UP

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

COVERAGE

Perdüre NE30 yields 160 ft² per gallon at 10mils thickness.

COLOR SELECTION

Perdüre NE30 is available in clear as well as standard colors. Custom colors are available upon request.

AVAILABILITY

Perdüre NE30 is available throughout the United States and Canada. Contact *Düraamen* representative in your area for details.

MAINTENANCE

After completing the application of *Perdüre NE30*, 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 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.

CHEMICAL RESISTANCE

| REAGENT | RATING |
|-------------------------|--------|
| Acetic Acid – 20% | R |
| Acetone | L |
| Ammonia Hydroxide – 38% | R |
| Beer | R |
| Brake Fluid | R |
| Bleach | L |
| Citric Acid – 30% | R |
| Citric Acid – 40% | R |
| 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% | R |
| Methyl Ethyl Ketone | R |
| Methylene Chloride | L |
| Peroxide-35% | R |
| Nitric Acid – 10% | R |
| Orange Juice | R |
| Peroxide – 35% | R |
| Phosphoric Acid | R |
| Skydrol | R |
| Sodium Hydroxide – 50% | R |
| Sulfuric Acid – 98% | R |
| Toluene | R |
| Urea | R |
| Vinegar | R |
| Xylene | R |

R – Recommended for continuous service
 L – Limited recommendation, occasional spills
 * – May cause slight stain or discoloration

Corporate office

Düraamen Building & Allied Products Inc. 457 Frelinghuysen Avenue, #101, Newark, NJ 07114
 T: 1.866.835.6595|F: 1.866.629.4157
 info@Düraamen.com

TECHNICAL DATA

| | |
|--------------------------|---|
| Viscosity @ 75°F | 1000 – 1,500cps |
| Mixing Ratio | 2 parts A to 1 parts B by volume |
| Solids Content | 100% by volume |
| Volatile Organic Content | -0- |
| Weight Per gallon | 11.00-11.50 pounds per gallon, mixed |

CURE/DRY TIME

| | |
|-----------------------------------|----------------------|
| Pot Life | 20-25 minutes @ 75°F |
| Dry to Touch | 6-7 hours @ 75°F |
| Re-Coat | 8-12 hours @ 75°F |
| Light Traffic | 24 hours @ 75°F |
| Full Cure & Maximum Resistance | 5 days |

WARRANTY

Düraamen 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 *Düraamen*. If any product fails to meet this warranty, the liability of *Düraamen* will be limited to replacement of any non-conforming material if notice of such non-conformity is given to *Düraamen* within (1) one year of delivery of materials. *Düraamen* may in its discretion refund the price received by *Düraamen* 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 *Düraamen*. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. *Düraamen* 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. DÜRAAMEN'S OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND DÜRAAMEN 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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