

Perdure NE30

Chemical resistant Novolac epoxy system

düraamen
engineered to perform

DESCRIPTION

Perdure NE30 is a 100% solids epoxy novolac coating ideal for severe chemical and solvent resistant applications. Low viscosity make Perdure NE30 ideal use as a binder in trowelled mortar and slurry systems where resistance to 98% sulphuric acid or other strong caustics is needed. Perdure 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 500F
- 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 Perdure 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

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

COLOR SELECTION

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

AVAILABILITY

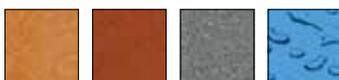
Perdure NE30 is available throughout the United States and Canada. Contact Düraamen representative in your area for details.

MAINTENANCE

After completing the application of Perdure 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 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.

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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

TECHNICAL DATA

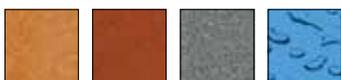
Viscosity @ 75°F	1000 – 1,500cps
Mixing Ratio	2 parts A to 1 parts B by volume
Solids Content	100% by volume
Volatile Organic Content	-0-
Weight Per gallon	11.00-11.50 pounds per gallon, mixed

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

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