

# Perdure E44

## 100% solids epoxy wall coating

### DESCRIPTION

Perdure E44 is a 100% solids epoxy based wall coating system. It is used as a wall and ceiling coating where impact resistance, light reflectivity, cleanability and chemical resistance is required. This seamless epoxy wall coating provides a clean, hygienic, durable and aesthetic surface finish for industrial, commercial and residential walls and ceilings. It prevents the penetration of moisture from cleaning and wash downs. By eliminating joints and seams, there is no longer a space to harbor moisture that can lead to mold and bacteria growth. Perdure E44 is perfect for use in commercial kitchens, hospitals, veterinary clinics, correctional facilities and clean rooms. Perdure E44 is available with Bioclean agent for antimicrobial performance.

It is sometimes combined with fiberglass reinforcement they produce water, impact and crack resistant coating for sheet rock or drywall applications.

### ADVANTAGES

- •100% solids means low odor application and cure
- •Chemical and stain resistance
- •Bonds well to cool, damp substrates
- •Easy to clean
- •Seamless, Durable and easy to maintain
- •Zero VOC

### SUBSTRATE REQUIREMENTS

- Bonding surfaces must be sound, clean, and free from standing water
- Substrate temperature must be a minimum of 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

- 100% solids epoxy resin, aliphatic amines 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

Perdure E44 is applied over a smooth wall surface. Depending upon the specification requirements, fiberglass cloth can be embedded into the base coat. Subsequent applications of Perdure E44 are rolled onto the embedded fiberglass to ensure a smooth surface and complete coverage of reinforcing fiberglass. Please consult your Düraamen representative for detailed application instructions.

### CLEAN UP

Clean skin with soap water. Tools and equipment should be cleaned with xylene and lacquer thinner.

### COVERAGE

Perdure E44 will yield approximately 10 mils when spread at 160ft<sup>2</sup>/gallon.

### COLOR SELECTION

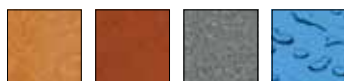
Perdure E44 is available in Düraamen standard colors and custom colors as approved.

### AVAILABILITY

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



## 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.

## TECHNICAL DATA

Viscosity @ 75°F	2000-2500cps
Mixing Ratio	4 :1 by volume
Solids Content	100%
VOC	0
Weight per gallon	11.0-11.5lb/gallon, mixed

## CURE/DRY TIME

Pot life	40-50 min @ 750F
Dry to touch	8-10hours @ 750F
Re-coat	8-12 hours @ 750F
Light service	24 hours @ 750F
Full cure	5 days

## CHEMICAL RESISTANCE

REAGENT	RATING
Acetic acid – 5%	L
Acetone	L
Ammonia Hydroxide – 38%	R
Beer	R*
Bleach	L
Brake Fluid	L
Citric Acid – 30%	R
Citric Acid – 40%	L
Crude Oil	R
Diesel Fuel	R
Ethylene Glycol	R
Fatty Acids	L
Gasoline	R
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	L
Skydrol	R
Sodium Hydroxide – 50%	R
Sulphuric Acid – 20%	R
Toluene	L
Urea	R
Vinegar	L
Xylene	L

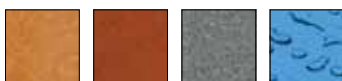
R- Recommended for continuous service

L – Limited recommendation, occasional spills

\* - May cause slight stain or discoloration

## WARRANTY

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