

Lümiere

designer metallic epoxy coating



DESCRIPTION

Lümiere is a decorative thin-film system having a bright metallic finish. It is typically finished with a clear polyurethane or high-build epoxy sealer for excellent wear and abrasion resistance. Lümiere is ideal for residential use, office spaces, lobby areas, restaurants, retail outlets, clothing stores, tattoo parlors, hair salons and art stores.

ADVANTAGES

- Good clarity and color retention
- Zero VOC
- Low viscosity - easy application and clean-up
- Low odor during application and curing
- Available in fast cure option

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
- Not recommended for immersion in oxidizing agents or mineral acids

COMPOSITION

- 100% solids epoxy, aliphatic amines and metallic pigments

COLOR SELECTION

- Lümiere is available in Bronze, Brass, Copper, Antique Silver and Bright Silver colors.

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

Lümiere metallic epoxy system is normally applied as three or four coat system. It involves the application of primer coat Perdüre E02, application of Lümiere and application of topcoat Perdüre U50 or Perdüre P70.

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

Lümiere yields 160ft² per gallon at 10mils film thickness.

AVAILABILITY

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

MAINTENANCE

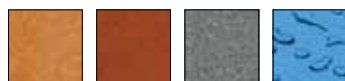
After completing the application of Lümiere, the installer should provide the owner with maintenance instructions.

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.

TECHNICAL DATA

Viscosity @ 75°F	750-1000cps
Mixing Ratio	4 parts A to 1 parts B by volume
Solids Content	100% by volume
Volatile Organic Content	-0-
Weight Per gallon	9.00-9.50 pounds per gallon, mixed
Gloss, 60°F	100-110



düraamen engineered products, inc.

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CURE/DRY TIME

Pot Life	30-40 minutes @ 75°F
Dry to Touch	10-12 hours @ 75°F
Re-Coat	12-16 hours @ 75°F
Light Traffic	24 hours @ 75°F
Full cure & maximum resistance	5 days

CHEMICAL RESISTANCE

Reagent	Rating
Acetone	L
Ammonia Hydroxide – 38%	R
Beer	R
Bleach	L
Brake fluid	L*
Ethylene glycol	R
Fatty acids	L
Gasoline	L
Hydrochloric acid-15%	R
Lactic acid-10%	R
Orange Juice	R
Peroxide-35%	L
Phosphoric Acid-85%	L
Skydrol	L
Sodium Hydroxide-50%	R
Sulfuric acid-20%	R
Toluene	L
Urea	R
Vinegar	L
Xylene	L

R – Recommended for continuous service

L – Limited recommendation, occasional spills

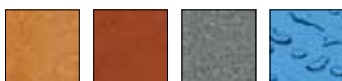
* - May cause slight stain or discoloration

PERFORMANCE PROPERTIES

Tensile Strength ASTM D638	8500psi
Adhesion to Concrete (ACI 403)	350psi (100% concrete failure)
Hardness(ASTM D-2240)	80 Shore D
Flexural Strength, ASTM D-790	8000psi
Compressive strength, ASTM D-695	11,000psi
Service temperature	1500F
Water absorption, ASTM D670-73	0.10% maximum

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