



LOTUS MAGICSHINE! Furniture Coating System

HIGHLY DURABLE LOW MAINTENANCE

Lotus MagicShine is a 2 Part Epoxy based flexible and self-priming and self-levelling furniture coating system that is designed for both exterior and interior hard surfaces of any kind, including fiberglass gel coat, concrete, terrazzo; VCT, Vinyl/Asbestos or glazed ceramic tiles; wood; marble or many other manmade materials. It is stain, scratch, scuff, scorch (up to 537°C) and UV resistant. Food Stains, ketchup, mustard and sea salt stains can be simply wiped-off with wet towel without a trace! Only care required to maintain its shine is a simple soap and water. No more back breaking buffing EVER resulting in tremendous cost savings!

Areas of Application

It can be applied on any hard surface, interior or exterior.

Product Property Highlights

- Tremendous wear resistance. Comes in clear or any color of the rainbow!
- Completely UV, stain and scratch resistant. Penetrates and seal hairline cracks, sealing the floor
- Contains anti-microbial additives, so no more mildew. Requires damp mop only to maintain floor shine.
- Flexible to withstand thermal expansion. It is completely self-priming, no primers required!

Properties

COLORS	Clear and many other colors upon request.		
FINISH	High Gloss, Satin, Matte Finish upon request.		
DRY FILM THICKNESS	50.0 to 75.0 microns dry film thickness.		
SOLIDS BY VOLUME	100.00% (Orange Peel Finish); 80% (Smooth Finish)		
SOLIDS BY WEIGHT	100.00% (Orange Peel Finish); 80% (Smooth Finish)		
THEORETICAL COVERAGE	39.37/sq. meter/liter at 25.2 microns dry.		
PRACTICAL COVERAGE	13.08 sq. meter/liter at 75.0 microns dry if roller applied.		
VOC	0.0 Orange Peel Version/ 230gms/l 80% Smooth Version.		
SURFACE PREPARATION	Prepare surface in a manner suitable for end service intended. See Primer Product Data Sheet or contact LOTUS Representative for further details.		
PRIMERS	LOTUS Magicshine is self-priming and may be applied directly to properly cleaned existing coatings.		
COMPONENTS	Two (Pre-Measured; 3:1 ratio.)		
INDUCTION PERIOD	Clear - None Required, Colors - 20 Minutes		
SPREADING RATE	Values given are theoretical and for Un-Thinned material (100%/80% Versions)		
	Dry Film Thickness, Microns	Sq. M/L (Spray)	Sq. M/L (Roll)
	50.0	15.86/12.61	19.69/19.75
	75.0	10.49/8.43	13.13/10.49
	100.0	7.88/6.29	9.86/7.88
SURFACE TEMPERATURE	Should be at least 3oC above the dew point of the surrounding air. Min: 18oC Max: 60oC		
DRY TIME	To recoat: 6 hrs. for "regular" 8Hr Cure Product @ 25oC or 2 hrs "Fast Cure" 4Hr Cure Product @ 25oC. To Handle: 7 hours @ 25oC.		

PRODUCT BROCHURE



lotus coating system

Marketed by :



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TECHNICAL DATA

Highly Durable Low Maintenance Furniture Coating System

POT LIFE	1 hr. @ 25oC. Increased humidity and temperature will decrease pot life.
SUGGESTED APPLICATION METHOD	Foam Roller for smooth finish. Spray (air-less or air) w/proper ventilation and safety gear.
CHEMICAL CURE SCHEDULE	25oC 6 to 8 Days 32oC 4 to 5 Days 49oC 2 to 3 Days 66oC 1 to 2 Days
SHELF LIFE	One year from the date of shipment.
SUGGESTED STORAGE CONDITIONS	Cool, Dry room at 21oc.
PACKAGING	TO BE DETERMINED
SHIPPING INFORMATION	TO BE DETERMINED

Chemical Resistance Properties

Acids, Inorganic	10% Hydrochloric Acid 30 Hydrochloric Acid (Muriatic) 10% Nitric Acid 50% Phosphoric Acid 37% Sulfuric Acid (Battery Acid)	Solvents (Aromatic)	Xylene
Acids, Organic	10% Acetic Acid 10% Citric Acid	Solvents (Chlorinated)	Methylene Chloride
Alkalis	10% Ammonium Hydroxide 50% Sodium Hydroxide	Solvents (Ketones and esters)	Methyl Ethyl Ketone (MEK) Propylene Glycol Methyl Ether Acetate (PMA)
Solvents (Alcohols)	Ethylene Glycol (Antifreeze) Isopropyl Alcohol Methanol	Miscellaneous	20% Ammonium Nitrate
Solvents (Aliphatic)	D-Limonene Jet Fuel (JP-4) Gasoline Mineral Spirits	Chemicals	Brake Fluid Bleach Motor Oil (SAE 30) 20% Sodium Chloride 1% Tide Laundry Soap 10% Trisodium Phosphate

CAUTION: DO NOT take internally. If swallowed, **DO NOT** induce vomiting. Call a physician immediately. **KEEP OUT OF REACH OF CHILDREN.** This material may cause skin and/or eye irritation. Avoid prolonged contact with the skin or breathing of vapors or mist. If the material is spray applied, use proper face and breathing apparatus protection. Keep material away from heat and open flame. This material is designed for application by professionally trained personnel, using proper equipment. This product is not intended for sale or use by the general public.

WARRANTY INFORMATION: This material is manufactured according to exacting quality control standards and is warranted to be free from manufacturing defects. Defective material called to our attention within one year of manufacture will be replaced. No guarantee, expressed

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