

#### HIGHLY DURABLE LOW MAINTENANCE

**Lotus Aquaguard!** is a 2 Part Epoxy based flexible and self-priming and self-leveling sealer/topcoat system that is designed for both exterior and interior hard surfaces of any kind, including fiber glass gelcoat, 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.

# **Areas of Application**

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

# **Product Property Highlights**

Tremendous wear resistance.

Completely UV, stain and scratch resistant.

Contains anti-microbial additives, so no more mildew.

Flexible to withstand thermal expansion. It is completely self-priming, no primers required!

Comes in clear or any color of the rainbow!

Penetrates and seal hairline cracks, sealing the floor.

Ideal for rest-room floors, encapsulates odor causing Uric Acid.

Heat resistant to 260°C.

# **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 COVERA 39.37/sq. meter/liter at 25.2 microns dry.

PRACTICAL COVERAG 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 PREPARATIO Prepare surface in a manner suitable for end service intended. See Primer

Product Data Sheet or contact LOTUS Representative for further details.

PRIMERS LOTUS AguaGuard 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

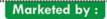
 75.0
 10.49/8.43
 13.13/10.49

 100.0
 7.88/6.29
 9.86/7.88

SURFACE TEMPERATU Should be at least 3°C above the dew point of the surrounding air. Minimum: 18°C

Maximum: 60°C

DRY TIME 4 Hour Cure Product @ 25°C.To Handle: 7 hours @ 25°C.





# Highly Durable Low Maintenance Water Proofing Sealer / Topcoat

POTLIFE 1 hr. @ 25°C. Increased humidity and temperature will decrease pot life.

One year from the date of shipment.

SUGGESTED APPLICATION

**METHOD** Foam Roller for smooth finish. Spray (air-less or air) w/proper ventilation and safety gear.

CHEMICAL CURE SCHEDULE 25°C 6 to 8 Days

32°C 4 to 5 Days 49°C 2 to 3 Days 66°C 1 to 2 Days

SHELF LIFE

CONDITIONS

**PACKAGING** 

SUGGESTED STORAGE

Cool, Dry room at 21°C TO BE DETERMINED

SHIPPING INFORMAT TO BE DETERMINED

# **Chemical Resistance Properties**

Acidsļnorganic	10% Hydrochloric Acid 30 Hydrochloric Acid (Muriatic) 10% Nitric Acid 50% Phosphoric Acid 37% Sulfuric Acid (Battery Acid)	Solvents (Aromatic)	Xylene
AcidsOrganic	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

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

