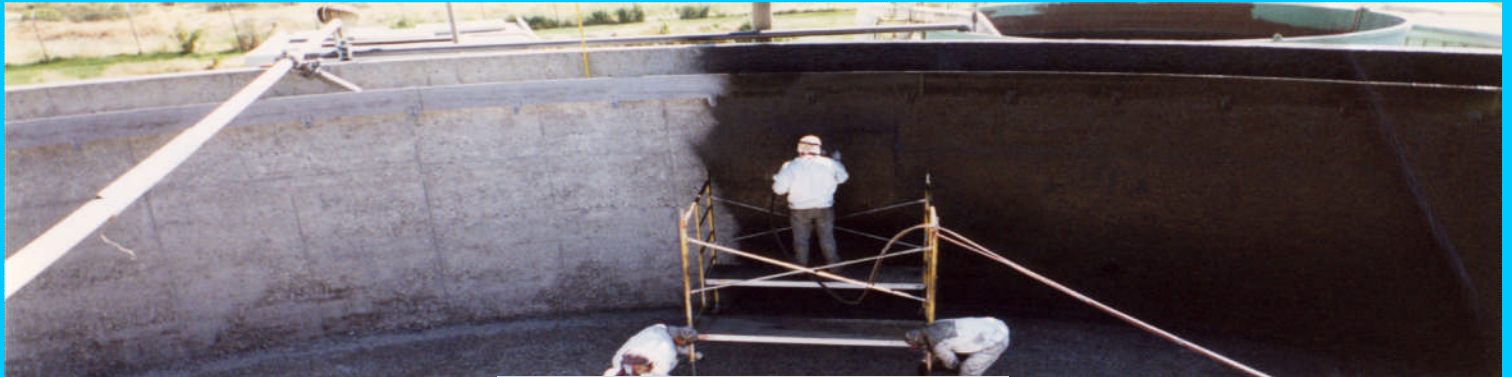


ULTRA-FLEX™ 5000

Your Toughest Coating Protection and Waterproofing Problems Just Got A Whole Lot Easier



“ULTRA-FLEX™ 5000 is the optimum Urethane Coating Solution”

ULTRA-FLEX™ 5000's remarkable strength, flexibility and adhesion give it outstanding performance and durability in a broad range of industrial coatings applications.

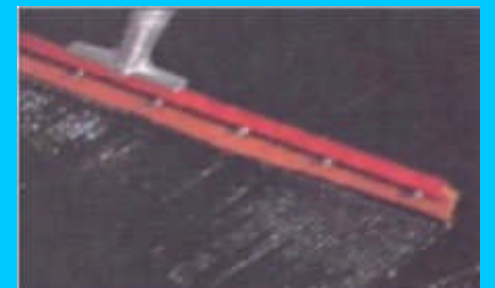
ULTRA-FLEX™ 5000 meets NSF Standard 61 for potable water containment and is also suitable for wastewater and secondary chemical containment.

ULTRA-FLEX™ 5000 is highly resistant to many acids and alkalis and corrosive substances. (See Chemical Resistance Chart.)

ULTRA-FLEX™ can be rolled on.

ULTRA-FLEX™ can be sprayed.

ULTRA-FLEX™ can be squeegeed.



ULTRA-FLEX 5000 CHEMICAL RESISTANCE CHART

The adjacent will provide general exposure guidelines as to the resistance of ULTRA-FLEX 5000 against certain chemicals and combinations. Although this information is believed to be reliable. LAVA-LINER, LTD., may not have any particular application, installation, or exposure experience of ULTRA-FLEX and suitable tests should be carried out by the user.

Where concentrations of chemicals are listed, the rating applies to all concentrations up to and including the concentration indicated. Maximum temperature for continuous service in some specific atmospheres is 140° F (60°C). For most applications, however, maximum service temperature is much higher. Consult your LAVA-LINER representative for actual use recommendations.

FOOTNOTE

R - Recommended/suitable continuous

CR - Conditionally recommended/
for splash/spill conditions

1 - Max. service temp. limited to 100° F

2 - Max. service temp. limited to 150° F.

| PHYSICAL PROPERTIES | RESULTS | TEST METHOD |
|------------------------------------|---------|-------------|
| Density, pcf | 61 | ASTM D1474 |
| Tensile Strength, psi | 1392 | ASTM d412 |
| Elongation, % | 247 | ASTM D412 |
| Tensile Modulus, psi | 1321 | ASTM D412 |
| Graves Tear | 230 | ASTM D1004 |
| Shore A Hardness | 40-72 | ASTM D2240 |
| Moisture Vapor Transmission | 0.02 | ASTM E96 |
| Water Absorption, % of Weight Gain | 0.31 | ASTM D471 |
| Volatile Organic Content | 108 g/l | ASTM D3960 |

| | |
|-------------------------------------------------------------------|----|
| Acetic Acid, Glacial | CR |
| Acetic Acid, >15% <30% | R1 |
| Acetic Acid, >5 % <10% | R |
| Ammonium Hydroxide,> 50% | NC |
| Ammonium Hydroxide, < 15% | R1 |
| Biological Oxidation Ponds | R |
| Bromine, Saturated | R |
| Chromatic Acid 7% | CR |
| Sulfuric Acid 6% | CR |
| Chlorine, Saturated | R |
| Citric Acid, > 15% | R |
| Copper Sulfate (Sat.) Solution in Water | R |
| Crude Oil | NC |
| Deionized Water | R |
| Diesel Fuel | NR |
| Ethylene Glycol (Antifreeze) | R |
| Ferric Chloride, >54% | R2 |
| Hydrochloric Acid (muriatic). < 15% Solution in Water | R |
| Hydrogen Sulfide, Vapor37% | CR |
| H2O, Fresh | R |
| Hydrogen Sulfide, Vapor Over Saturated Solution | CR |
| Methanol | CR |
| Nitric Acid, 10% | R |
| Phosphoric Acid, 10% | R |
| Sewage Disposal Plant (Activated Sludge Sedimentation Tanks) R | R |
| Salt | R |
| Sodium Dichromate 12% | R |
| Sodium Hydroxide 10% | R1 |
| 50% 72 hrs | R1 |
| 40% 48 hrs | R2 |
| Sodium Hypochlorite, 5.25% | R |
| Soil Burial | R |
| Sodium Silicate, < 41 % | R |
| Sulfuric Acid, 5%-40% | R |
| Trisodium Phosphate< 10% | R |
| H2O | R |



ULTRA-FLEX 5000 protects miles of cable in Pu Yang, China

MANUFACTURED BY:

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