



# ARMUFSK

## ARMOR ULTRAFast LT

### PRODUCT DESCRIPTION

Armor UltraFast LT utilizes the latest development in Polyaspartic coating technology and is the most durable coating available. It dries quickly and provides unparalleled rapid return to service. It is extremely resistant to heat (temps up to 350°F), UV rays, and a variety of harsh chemicals, including salt, oil, and gasoline. This product is also flexible and allows for natural concrete movement without cracking or peeling, making this system ideal for either indoor or outdoor applications.

### PRODUCT FEATURES AND BENEFITS

- VOC < 50 g/l, SCAQMD Approved
- Versatile – Coatings, Broadcast Floors, Chip Floors, Slurry/Broadcast
- Rapid Return to Service in 24 hours
- Outstanding Color retention in Gloss or Satin Finish
- Highly Chemical Resistant (for more information, see chart on page 2)
- Convenient 1:1 mixing ratio
- Designed for interior and exterior applications

### PERFORMANCE AND CHARACTERISTICS

#### COMPRESSIVE STRENGTH

METHOD: ASTM C695  
RESULT: @ 24 hours 6,700 psi @ 7 days 7,950 psi

#### TENSILE STRENGTH

METHOD: ASTM D638  
RESULT: 4500-5200 psi

#### BOND STRENGTH TO CONCRETE

METHOD: ASTM D4541  
RESULT: 725 psi

#### TABER ABRASION

METHOD: ASTM 4060, CS 17  
RESULT: 3 mg.

#### FLAMMABILITY

METHOD: ASTM D635  
RESULT: Self-extinguishing

#### KONIG HARDNESS

METHOD: ASTM D4366  
RESULT: 137

#### ELONGATION

METHOD: ASTM D638  
RESULT: 25-35%

#### WATER ABSORPTION

METHOD: ASTM D570  
RESULT: (24 hours) <0.5%

#### MONOLITHIC SURFACING

METHOD: ASTM C722  
RESULT: Pass

#### IMPACT RESISTANCE

METHOD: ASTM D2794  
RESULT: Pass

This product complies with USDA FSIS regulatory sanitation performance standards for food establishment facilities. This coating is impervious to moisture and easily cleaned and sanitized. Meets USDA requirements for incidental food contact

### WARNING

CAUSES NOSE, THROAT, EYE AND SKIN IRRITATION. CAUSES EYE AND SKIN BURNS. HARMFUL IF SWALLOWED. MAY CAUSE ASTHMA, SKIN SENSITIZATION OR OTHER ALLERGIC RESPONSES. FOR INDUSTRIAL OR COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. SEE THE PRODUCT SAFETY DATA SHEET (SDS) AND LABEL WARNINGS FOR ADDITIONAL SAFETY INFORMATION.

### CHEMICAL RESISTANCE (77°F/25°C)

Acetic Acid 100%	C	Muriatic Acid 10%	R
Acetone	C	NaCl/H2O 10%	R
Ammonium Hydroxide 50%	RC	Nitric Acid 20%	NR
Benzene	C	Phosphoric Acid 10%	R
Brine saturated H2O	R	Phosphoric Acid 50%	NR
Chlorinated H2O	R	Potassium Hydroxide 10%	R
Clorox(10%) H2O	R	Potassium Hydroxide 20%	R, Dis
Diesel fuel	RC	Propylene Carbonate	RC
Gasoline	RC	Skydrol	C
Gasoline/5% MTBE	RC	Sodium Hydroxide 25%	R
Gasoline/5% Methanol	RC	Sodium Hydroxide 50%	R, Dis
Hydrochloric Acid 20%	R	Sodium Hypochlorite 10%	R
Hydrofluoric Acid 10%	NR	Sodium Bicarbonate	R
Hydraulic fluid (oil)	RC	Stearic Acid	R
Isopropyl Alcohol	R	Sugar/H2O	R
Lactic Acid	RC	Sulfuric Acid 10%	R
MEK	RC	Sulfuric Acid >50%	RC
Methanol	R	Toluene	R
Methylene Chloride	C	1, 1,1-Trichlorethane	C
Mineral Spirits	RC	Trisodium Phosphate	R
Motor Oil	R	Vinegar/H2O 5%	R
MTBE	C	Xylene	RC

Chemical Resistance: Chart Key R=recommended/little or no visible damage RC=recommended conditional/some effect, swelling or discoloration C=Conditional/Cracking-wash within one hour of spillage to avoid affects NR=Not recommended Dis=discolorative

### PHYSICAL PROPERTIES

Resin Type	Polyaspartic Polyurea
Pigment Type	Varies depending on color
Solvents	Benzyl Alcohol
Weight-Per Gallon	9.59 lbs
Weight-Per Liter	1.1 kg
Solids By Weight	70%
Solids By Volume	70%
Volatile Organic Compounds	<50 g/l
Recommended Dry Film Thickness(DFT) Per Coat	4-8 mils
Practical Coverage (assume 15% material loss)	120-240 sq.ft./gal.
--	Rates will vary based on application method
Mixing Ratio	1:1
Pot Life @ 70-80°F (21-27°C) and 50% Relative Humidity	35-40 minutes
Re-Coat Window (Min./Max)	--
Dry Times at 70-80°F (21-27°C) and 50%	2 hours/12 hours
Relative Humidity	Foot Traffic 2-4 hours
Shelf Life	Vehicle Traffic 24 hours
Flash Point	Full Cure** 7 days
	5 Years
	>200°F (93°C)



Chemical Resistant



Rapid Cure



Easy Mix Ratio



Extended Pot Life

INTERIOR/EXTERIOR

Fast Curing Polyaspartic Coating