

1. PRODUCT NAME

747 HIGH-BUILD EPOXY

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

747 FS is a two-component pigment-able modified epoxy floor base coating or epoxy polymer concrete EPC (when aggregate is added)
Fast cure, excellent work time, 100% solids epoxy.

Advantages

- NO VOC's – 100% Solids formula
- Nearly No odor during application
- Complies with USDA, FDA, OSHA, ADA
- Moisture-insensitive formula
- Excellent Impact Properties
- Excellent Strength Properties
- Self-priming
- Tack free in 2 to 3 hours
- Low Viscosity

Uses

- Decorative Overlays
- Commercial
- Institutional
- Heavy Duty Industrial and Manufacturing environments.

4. APPLICATION INSTRUCTIONS

747 FS as a mixed 2 Part "A" – 1 Part "B". Polymer may be applied as a neat coating, single or double broadcasted, slurry, EPC hand troweled or power troweled. Fully broadcasted systems cure faster than neat coats.

Colors

Straw, Light Gray, Medium Gray, Dark Gray, Beige, Crème, Tile Red, Jute Brown, True Blue and Black.
Custom Colors available.

Packaging

3, 5, 15 and 150 gal units

Shelf Life

Unopened containers are guaranteed for 1 year.
Store in temperatures between 60°-80° F.
Storing above 85° will reduce shelf life.
Keep from freezing

Cautions

Wear chemical goggles and NIOSH approved respirator. Wear proper protective clothing and gloves to prevent direct contact of resins. Consult Safety Data Sheet for full listing protective requirements.
747 FS may irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin.
For professional use only.
Keep out of reach of children.

5. TECHNICAL DATA

Performance Properties @ 73F., 50% R.H.

Test/Test Method Results

Viscosity, cps	550-750 cps
Color	8 standard colors
Pot Life, minutes	10-15 minutes
Consistency	Nearly Self Leveling
Tack-Free Time, hours	
40°F	3-5
73°F	2-2.5
Tensile Properties (ASTM D638)	7 Days
Tensile Strength	7,800psi
Elongation at Break	5%
Flexural Properties (ASTM D790)	7 Days
Flexural Strength	13,000psi
Tangent Modulus of Elasticity	500,00psi
Slant Shear Strength (ASTM C882)	7 days

Temp	Value	Mode of Failure
73°F	4,100psi	100% Concrete Failure
40°F	4,000psi	100% Concrete Failure
Compressive Strength (ASTM D695)		
Temp/	6 hours/1day/7days	
50°F	3,600/9,600/14,000psi	
73°F	6,800/10,100/14,000psi	
Compressive Strength (ASTM C579) 7days		
EPC	11,000psi	

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