

307 FR LITE

LIGHT WEIGHT CLASS 1 FIRE RATED SCULPTING EPOXY

1. PRODUCT NAME

307 FR LITE

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

307 FR-LITE is 100% solids, **Class 1 Fire Rated**, light-weight epoxy system specially formulated to a trowel-able paste consistency for sculpturing and fabricating projects. Will cure into an extremely strong and light-weight plastic that is easily sanded or shaped. Can be tinted, painted, or stained. Bonds well to most surfaces including fiberglass, foams, metal, wood, and concrete. Solvent free so it won't melt or dissolve foam surfaces. Used as a sculpturing or texturing veneer over other surfaces and is thick enough for immediate embossing upon placement. Ideal for indoor or outdoor exhibit projects where strength and durability are desired. Also used as a patching compound to repair broken or damaged exhibits.

Advantages

- Class 1 Fire Rating
- No Solvents
- Non-Toxic
- Sand-able
- Paintable
- Pigment-able
- Environmentally Safe
- Cleans with Water

Uses

- Sculpting
- Texturing
- Surface Protectant
- Exhibit Design
- Habitat Structures
- Zoo
- Aquarium
- Theme Parks

4. APPLICATION INSTRUCTIONS

Thoroughly mix equal amounts of Part A and Part B by volume until streak free. Wearing protective gloves, trowel or hand spread the product and immediately texture, emboss or finish as desired. Small amounts of water may be used to help prevent the product from sticking to the gloves

Packaging

2 Quart
2, 10, and 100 Gal Kits

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

Limitations

Not for use on contaminated or oily surfaces. Do not install when surface temperature is below 40° or above 85°F. During damp and/or cool conditions epoxy will cure slower and protect finished work from traffic until fully cured.

Cautions

Wear chemical goggles and NIOSH approved respirator. Wear proper protective clothing and gloves to prevent direct contact of resins. Consult Material Safety Data Sheet for full listing protective requirements. 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

Compressive Strength ASTM D-695	11,500 psi (min)
Tensile Strength ASTM D-638	2,100psi (min)
Viscosity	Thick Paste
Mix Ratio	1:1 A/B
Pot Life	60 minutes @77°F
Cure Time	10-14 hours
Weight per Gallon	8.25 lbs.

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Data sheets are subject to change without notice.