

307 ULTRA LITE

SCULPTING EPOXY

1. PRODUCT NAME

307 ULTRA LITE

2. MANUFACTURER

Polygem, Inc.
1105 Carolina Drive
West Chicago, IL 60185
Telephone: (630) 231-5600
FAX: (630) 231-5604
www.polygem.com

3. PRODUCT DESCRIPTION

307 ULTRA LITE is a 100% solids 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. Can also be used as a patching compound to repair broken or damaged exhibits.

Advantages

- 50% Lighter Formula
- No Solvents
- Non-Toxic
- Can be Sanded
- Paintable
- Easy to Pigment
- Environmentally Safe
- Cleans with Water

Uses

- Sculpting
- Texturing
- Surface Protectant
- Exhibit Design
- Habitat Structures
- Zoo
- Aquarium
- Theme Parks
- Ideal for Underwater Applications

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 Gal, 10 Gal 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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307 Ultra Lite Rev. 1-19-22

Data sheets are subject to change without notice.