

## Aluminum Tooling Surface Coat ET-03



Aluminum Filled Surface Coat (ET-03) is a thick aluminum filled gel used to produce a hard, durable surface coat on high temperature epoxy molds. This system offers good brushing characteristics and is designed for use with E-Z Lam High Temp Laminating Resin (ET-04). Its room temperature cure allows for quick lay-up of the mold on a room temperature master. The mold can be removed from the master and then post cured.

### Physical Properties

Mix Ratio by Weight	100 parts A to 10 parts B
Pot Life	150 gr. mass 45 minutes @ 75°F
Cure	Room Temp Set 24-48 Hours @ 75°F followed by: 4 Hrs. @ 150°F 2 Hrs. @ 200°F 2 Hrs. @ 250°F 2 Hrs. @ 300°F and allow to cool
Shelf Life	Twelve months when stored in tightly sealed containers at room temperature.
Color	Silver/Aluminum

### Technical Properties

Viscosity, Mixed	Paste
Durometer D	90 Shore
Specific Gravity	1.55 gm/cc
Tensile Strength	9,500 psi
Flexural Modulus	19,000 psi
Compression	29,500 psi
Max Temperature	350°F
Shrinkage	Less than 1%

Avoid contact of resin or hardener with skin or eyes. Wear disposable gloves and eye protection. Avoid breathing vapors, apply under good ventilation. If contact occurs, consult physician. MSDS available upon request.

All the information contained in these properties is believed to be reliable. It is intended for comparison purposes only as each manufactured lot will exhibit variations. The user should evaluate the suitability of each product for their application. We cannot anticipate the variations in all end use and we make no warranties and assume no liability in connection with the use of this information.