

GEI FR Emulsion



Environmentally
Advanced Solutions

1. PRODUCT NAME

GEI-FR EMULSION EMULSION ASPHALT EMULSION FIRE RETARDANT ROOF COATING

2. MANUFACTURER

GLOBAL Encasement, Inc.
701 E. Santa Clara St., Ste 12
VENTURA, CA 93001-5972 USA
PHONE: (800) 266-3982
FAX: (800) 520-3291
Wwww.encasement.com

3. PRODUCT DESCRIPTION

GEI-FR EMULSION is an ecologically preferred non-fibred fire retardant containing no Asbestos or solvents. It is water-based, non-flammable and breathable.

GEI-FR EMULSION offers outstanding resistance to weather, cracking and most industrial pollutants. The emulsion has excellent resistance to heat that can build up on roofs and will not sag, flow, or re-emulsify under any weather conditions.

It can be used over smooth or mineral composition built-up roofing, or as a protective surface for metal roofing, masonry, stucco, parapet walls, curb and base flashings.

GEI-FR EMULSION provides an excellent base coat for GLOBAL Encasement, Inc.'s RoofCoat™, AsbestoSafe® and Your Last Coat architectural coatings.

4. TECHNICAL DATA AND PROPERTIES

Solids by volume	45-55%
Weight per gallon:	8.5 lbs
Appearance:	Brownish Black
Odor:	Mild Acrylic Odor
VOC:	0.5 g/l
Drying time:	12 Hours (depending upon temperature and humidity)

GEI-FR EMULSION is an Underwriters Laboratories Tested product and meets their Class A rating (in accordance with UL 790) when used as a component of an approved roof system.

5. PRODUCT INSTALLATION

GEI-FR EMULSION is ready to use and should never be diluted with water before application. Surfaces to be sealed must be clean, dry and free of dirt, grease, oil, or other contaminants, which could interfere with proper adhesion.

5. PRODUCT INSTALLATION (cont.)

GEI-FR EMULSION may be spray, brush or squeegee applied. Allow to dry thoroughly, normally 12 hours, before applying topcoats. DO NOT apply topcoats until GEI-FR EMULSION is completely dry.

GEI-FR EMULSION should not be applied at temperatures below 50°F or if weather conditions will not permit cure before rain, dew, or freezing temperatures. Cool temperatures and high humidity retard cure. Product should be protected from freezing.

COVERAGES:

GEI-FR EMULSION coverage varies depending on porosity, mil thickness, and texture of the surface being encased. Calculated coverage rates on a flat surface are as follows:

Dry Mills = 6 @ 120 sq. ft./gallon
= 7 @ 103 sq. ft./gallon
= 8 @ 90 sq. ft./gallon
= 9 @ 80 sq. ft./gallon
= 10 @ 72 sq. ft./gallon
= 11 @ 65 sq. ft./gallon
= 12 @ 60 sq. ft./gallon

6. AVAILABILITY AND COST

Call GLOBAL Encasement, Inc. at 800-266-3982 for pricing and availability.

7. WARRANTY

GLOBAL Encasement, Inc. can warrant for a period of up to twenty (20) years from the date of purchase that GEI-FR EMULSION is free of any defects in manufacturing. The Limited Warranty herein described shall be in lieu of any other warranty, expressed or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

GLOBAL Encasement's sole liability under this Limited Warranty shall be, at its option, to replace any portion of the product proven to be defective in manufacture.

Any defects discovered must be reported to GLOBAL Encasement, Inc. within the Limited Warranty period, and no later than 30 days after discovery.

This Limited Warranty does not extend to liability for any damages due to abuse by occupants, improper maintenance, water damage, or any other causes beyond anticipated conditions and the manufacturer's control.



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