

TotalBoat Flotation Foam - 2 LB Density -- Tech Data Sheet

APPLICATION:

- 1: Clean surface thoroughly. Remove any water, oil, grease, dust, or other contaminants before starting.
- 2: Ensure products are within proper application temperature and substrate can safely handle an exothermic reaction up to 130°F.
- 3: Combine resin and hardener (100:100 by volume or 100:109 by weight) into a sufficiently sized mixing pot. Accuracy is very important when measuring each component.
- 4: Mix thoroughly for 25 seconds. Timing is important.
- 5: Pour foam.
- 6: Foam will start expanding 10-20 seconds after mixing and will expand for about 5 minutes (in 70-80°F conditions).
- 7: Once cured, foam can be overcoated with more foam, epoxy resin, or polyester resin.

PROPERTIES:

Molded Density:	3.3 pcf
Compressive Strength:	38 psi
Closed-Cell Content:	> 94%
Water Absorption:	≤ .06 lbs/sq ft
Solvent Resistance:	Excellent
Mold and Mildew Resistance:	Excellent
Maximum Service Temperature:	200°F
Flotation:	75 lbs/quart, 300 lbs/gallon (admixed)

APPLICATION DATA:

PHYSICAL DATA:

Mix Ratio: 100:109 (by Weight) 100:100 (by Volume)	Color: Transparent brown liquid (resin and activator)
Cream Time: 45 seconds	Components: 2 - Resin and Activator
Gel Time: 235 seconds	Units of Measure: 2-Quart Kit, 2-Gallon Kit
Tack-Free Time: 380 seconds	Storage: 33-95°F - DO NOT ALLOW TO FREEZE
Rise Time: 400 seconds	Shelf Life: 6 months
Free Rise Core Density: 2.1 pcf	Weight: 9.4 lbs/gallon (resin), 10.2 lbs/gallon (activator)
Yield: 2 cubic feet (2-Quart Kit), 8 cubic feet (2-Gallon Kit)	Flotation: 75 lbs/quart, 300 lbs/gallon (admixed)
Application Temperature: 60-85°F (75-80°F is optimal for yield and cure/working times)	