TotalBoat Flotation Foam - 6 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 (1:1 by volume or 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:

Core Density:	15 pcf
Compressive Strength:	400 psi
Flexural Strength:	500 psi
Closed-Cell Content:	> 94%
Water Absorption:	≤ .06 lbs/sq ft
Solvent Resistance:	Excellent
Mold and Mildew Resistance:	Excellent
Maximum Service Temperature:	200ºF
Flotation:	23 lbs/quart, 92 lbs/gallon (admixed)

APPLICATION DATA:

Mix Ratio:	1:1 (by Weight)1:1 (by Volume)
Cream Time:	65 seconds
Gel Time:	150 seconds
Tack-Free Time:	215 seconds
Rise Time:	240 seconds
Free Rise Core Density:	6 pcf
Yield:	3/4 cubic feet (2-Quart Kit), 3 cubic feet (2-Gallon Kit)
Application Temperature:	60-85ºF (75-80ºF is optimal for yield and cure/working times)

PHYSICAL DATA:

Color:	Transparent brown liquid (resin and activator)
Components:	2 - Resin and Activator
Units of Measure:	2-Quart Kit, 2-Gallon Kit
Storage:	33-95ºF - DO NOT ALLOW TO FREEZE
Shelf Life:	6 months
Weight:	9.0 lbs/gallon (resin), 10.2 lbs/gallon (activator)
Flotation:	23 lbs/ quart, 92 lbs/gallon (admixed)

TOTALBOAT
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