



BOAT & DOCK

BOAT & DOCK FOAM is a nominal 2.0–4.0 pcf density rigid urethane foam system that is used as flotation and structural integrity for boat hulls, buoys, docks, etc.

USES

- Extra buoyancy and structural integrity of a boat or dock
- Insulate live wells and coolers
- Fills gaps and voids underneath decks
- Boat hull repair

THIRD PARTY CERTIFICATIONS

Meets requirements of 33CFR §183.114 US Coast Guard Test of Flotation Materials (MILSPEC-P-21929B).

PHYSICAL PROPERTIES

	2 lb.	3 lb.	4 lb.
Mix Ratio, by Volume	1 Part A, 1 Part B	1 Part A, 1 Part B	1 Part A, 1 Part B
Demold Time, @ 25°C (77°F)	15 minutes	15 minutes	15 minutes
Free Rise Core Density (ASTM D1622)	2.0 pcf ± 0.2	3.0 pcf ± 0.2	4.0 pcf ± 0.2
Compressive Strength (ASTM D1621)			80 psi
Flexural Strength (ASTM D203)			90 psi
Shear Strength (ASTM C273)			49 psi
Tensile Strength (ASTM D1623)			90 psi
Water Absorption (ASTM D2127)			0.0115 lb.ft ²



BOAT & DOCK

SAFETY:

When working with any chemicals it is necessary to wear eye protection and gloves. It is necessary to understand hazards involved in handling all components, establish and follow safe work procedures, and comply with all OSHA, DOT, and EPA Regulations. Refer to SDS for specific details. All persons who work with components must know and follow proper safe handling procedures.

SHELF LIFE:

Twelve (12) months from date of manufacture when stored in original, unopened, containers at temperatures between 65–80°F. Consult with FSI before disposal or return if components exceed shelf life.

HANDLING:

As with all chemicals, care should be exercised when handling. Avoid contact with eyes, skin, and clothing. Eye protection and gloves are considered a minimum requirement and should be worn at all times while working with components. Refer to SDS for specific details regarding handling requirements.

STORAGE:

Do not store in direct sunlight. Containers should be stored under cover and protected from contact with rain or snow. Water should not be able to accumulate where it can be drawn into the containers. Ideal storage temperatures are 50°F (10°C) to 75°F (24°C). Keep containers sealed until use. Refer to SDS for further information or contact FSI for assistance.

STEWARDSHIP:

FSI and its subsidiaries are committed to stewardship and have a concern for the health and safety of all individuals who come in contact with its products, as well as the environment. This philosophy is a foundation on which we assess information to appropriately protect individuals and preserve our environment. Success of stewardship rests with each and every individual involved in the cradle to grave life cycle of our products.

CUSTOMER RECOMMENDATIONS:

FSI strongly encourages customers to review their manufacturing, health, safety, and environmental processes and applications while evaluating its products.

This document contains information, data and products that are considered **PROPRIETARY**. Reproduction, storage, transmission, or redistribution in any form, by any means, electronic or otherwise, is strictly prohibited, without the prior, express, written permission of FSI.

NOTE: The information provided herein is offered for the user's consideration and examination. The information, data and products presented herein are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests. Individual results may vary according to specific manufacturing and processing parameters. The information, data and products presented herein are believed to be reliable, are based upon the information reasonably available to FSI at the time of publication and are presented in good faith. While the information is based on data believed to be reliable, FSI makes no warranties, expressed or implied as to the accuracy or reliability of the information, data and products herein and assumes no liability arising out of its use. This information and data may be subject to revision as new knowledge and experience become available. This publication is not to be taken as a license to operate under, or recommendation to infringe any patent.

NOTICE TO USERS: FSI products can be used to prepare a variety of polyurethane and other products. FSI strongly encourages users to review both their manufacturing processes and their applications of FSI products to ensure that FSI products are not used in ways for which they are not intended or tested. FSI personnel are available to answer your questions and to provide reasonable technical support.

FSI does not endorse or claim suitability of its products for specific applications. While the information and data provided herein falls within anticipated normal range of product(s) properties, this information and data should not be used to establish specification limits or used alone as the basis of design. It is the user's responsibility to satisfy itself that the product is suitable for the user's intended use. Because FSI neither controls nor can anticipate the many different end-uses and end-use and processing conditions under which this information, data and/or the products described herein may be used, FSI does not guarantee the usefulness of the information or the suitability of its products in any given application. FSI is not obligated to supply or otherwise commercialize such products for any use or application whatsoever. It is the responsibility of the user to determine that the FSI product is safe, lawful, and technically suitable for the intended use. The user must decide what measures are necessary to safely use the product, either alone or in combination with other products, also taking into consideration the conditions of its facilities, processes, operations, and its environmental, health and safety compliance obligations under any applicable laws.

DISCLAIMER: Nothing herein shall be construed as guarantee of any warranty, express or implied, regarding performance, results to be obtained from the use, comprehensiveness, merchantability, or that said information, data and products can be used without infringing patents. FSI MAKES NO WARRANTIES, EXPRESS OR IMPLIED, CONCERNING THE SUITABILITY OF ANY FSI PRODUCT. FSI EXPRESSLY DISCLAIMS ANY WARRANTY FOR A PARTICULAR PURPOSE OR FREEDOM FROM PATENT INFRINGEMENT.

LIMITATION: Failure to strictly adhere to recommended procedure(s) shall relieve FSI of all liability with respect to the FSI product or use thereof. User assumes all risks whatsoever as to the use and qualification of the FSI product in the finished product. User's exclusive remedy as to any breach of warranty or negligence claim shall be limited to the purchase price of the FSI product. The foregoing exclusive remedy will survive and apply even if this exclusive remedy is found to have failed of its essential purpose.