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TEAK DECK[™] SEALANT
ONE-PART SANDABLE SILICONE BASE SEALANT

PRODUCT DESCRIPTION

Teak Deck[™] Sealant is recommended where strong flexible, weather resistant and salt-water resistant caulking compound is required to seal decks of all types of marine craft. It is an innovative alternative to two-part products. This silicone based sealant cures in *24 hours, is sandable, non-corrosive and especially suitable for teak deck seams. No priming is necessary, just clean the seams and apply. When fully cured, it is resistant to teak cleaners, teak oils, gasoline and diesel fuel. Tack free in 30 minutes.

SPECIFICATIONS

Teak Deck[™] Sealant meets or exceeds the requirements of Federal Specifications TT-S-0027, Type II, and Military Specifications C-18255E (Ships), Type II.

SURFACE PREPARATION

The surface must be dry, clean and free of all old caulking materials. Cut back weathered surfaces or rot by routing, sanding, or sawing to solid wood. Rotted wood maybe treated with "Git"-Rot®. When new wood is coated with preservatives such as Woodlife®, the surface must be thoroughly sanded before application. We recommend a thorough washing with an oil free solvent such as BoatLIFE Life-Calk® Solvent and Cleaner or pure acetone¹. If painting or varnishing is desired, it must be done prior to applying **BoatLIFE Teak Deck[™] Sealant**.

TECHNICAL DATA

Application Properties

Base Compound	Silicone
Colors	White, Black
Consistency	Gun Grade
Nonvolatile content	N/A
Tack Free Time	30 minutes
*Cure Time	24 hours
	¼" thickness

PACKAGING

310 ml plastic cartridges
600 ml chubs
5-gallon pails

Special packaging available upon request

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PERFORMANCE PROPERTIES

	<u>Results</u>	<u>Specs</u>
Rheological properties:		
Flow Inch	<1/16	3/16 max.
Extrusion rate, sec.	35	45 max.
Hardness properties:		
Durometer A2	32	15 -20
Weight loss, %	6.8	10 max.
Cracking	None	None
Chalking	None	None
Stain	None	None

PERFORMANCE PROPERTIES CON'T.

	<u>Results</u>	<u>Specs</u>
Color change	None	None
Durability: (*)		
Loss in bond area (sq. in.)	1.0	1.5 max.
Deformation (sq. in.)	0.0	1.5 max.
Adhesion in peel, lbs. (*)	6.5	5.0 min.
Tensile strength	89psi	
Ultimate elongation	362%	
Maximum load	44 lbs.	
Shrinkage	Negligible	

The sample complies with the specification requirements.

Product should be used within six months of manufacture. The manufacture date is indicated on the product in the batch #. The first two digits are the month, the third digit is the year and the fourth and fifth digits are control numbers.

QUANTITY ESTIMATION

Lineal Feet per Cartridge	WIDTH OF JOINT					
		1/8"	1/4"	3/8"	1/2"	3/4"
DEPTH OF JOINT	1/4"	60	29	18	15	10
	3/8"	37	18	15	10	7
	1/2"	29	15	10	7	5
	3/4"	18	10	7	5	3.5

JOINT EXPANSION

It is recommended that dimensions be established for each joint in conformance with service conditions. Width of joint may be determined by calculating expansion and contraction of limits of the structure during temperature extremes and multiplying by a factor of 4. For example, if a joint will open and close 1/4" under temperature extremes, the joint should be designed 1/4" times 4, or 1" wide. No joint should be less than 1/8" wide.

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APPLICATION PROCEDURES

CAUTION: DO NOT OPEN CONTAINER UNTIL READY TO USE

Surface preparation:

1. Clean surface and wash with Life Calk® Solvent & Cleaner or **pure** acetone.
2. Application of bond breaker is recommended.
3. Apply Teak Deck™ Sealant – with a hand or air operated caulking gun, putty knife or trowel.
4. Tool seam.
5. Sand after 24 hours. (Do not use an orbital or oscillating sander. A belt sander is recommended.)

Special packaging is available upon request

BoatLIFE Life Calk®, “Git”-Rot®, BoatLIFE Life Calk® Solvent & Cleaner are registered trade names of Life Industries Corporation. (Woodlife® is a registered trade name of Woodlife)

***Note: Curing time may vary based on temperature, relative humidity and age of product.**

1. Most acetone available on the market today is recycled and already contaminated with oil. Be sure to choose acetone which has not been recycled.