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DECK- SEAL SEALANT ONE-PART SANDABLE SILICONE BASE SEALANT

PRODUCT DESCRIPTION

Deck-Seal 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

Deck-Seal 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. If painting or varnishing is desired, it must be done prior to applying **BoatLIFE Deck-Seal Sealant**.

TECHNICAL DATA

Application Properties

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

1/4" thickness

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.

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PERFORMANCE PROPERTIES

CON'T.

	<u>Results</u>	<u>Specs</u>
Cracking	None	None
Chalking	None	None
Stain	None	None
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	

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, fifth and sixth digits are control numbers.

QUANTITY ESTIMATION

Lineal Feet per Cartridge

WIDTH OF JOINT

DEPTH OF JOINT		1/8"	1/4"	3/8"	1/2"	3/4"
	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.

APPLICATION PROCEDURES

CAUTION: DO NOT OPEN CONTAINER UNTIL READY TO USE

Surface preparation:

1. Clean surface and wash with Life Calk® Solvent & Cleaner.
2. Application of bond breaker is recommended.
3. Apply Deck-Seal 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.)

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.**