



Teakdecking Systems

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# DECK MAINTENANCE PRODUCTS CATALOG





## THE PROFESSIONAL'S CHOICE

Four decades of unparalleled expertise in marine decking solutions have culminated in an exceptional range of deck maintenance products.

Developed meticulously in-house by the TDS team, our comprehensive range of products deliver exceptional results. From premium caulking and ECO cleaners to sealers, epoxies, and tools, each product is engineered to meet the rigorous standards of the marine industry. It's no wonder that our products are trusted by both industry insiders and competitors alike, earning the reputation of being "THE PROFESSIONAL'S CHOICE".

With TDS, you can trust in the premium quality and performance of our deck maintenance products to keep your deck in pristine condition.

### For more information and tutorials:

Visit our website  
[teakdecking.com](http://teakdecking.com)

Visit our YouTube channel  
[youtube.com/@TeakdeckingSystems](https://youtube.com/@TeakdeckingSystems)

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## SIS-440 Teak Deck Caulking

**SIS-440 caulking** is our top selling product, and a proven leader in the marine industry. It is used by our team on every teak deck we manufacture. No primer is required for this one-part, paste-like neutral cure proprietary formulation, which when exposed to moisture in the air, reacts to form a tough, flexible solid rubber.

This neutral cure is non-corrosive to all substrates. It provides the durability required in the marine environment and has excellent temperature stability and chemical resistance once cured.

- No primer necessary
- One-Part Polymer Adhesive/Sealant Neutral Cure forms a solid rubber compound.
- Stays flexible and cures rapidly
- Adheres permanently
- Minimum sag and shrinkage
- Highest rated resistance to UV and works in cold climates
- Used by boat builders, boat repair yards, marinas, private boat owners, cruise ships, and boat chandleries.
- Comes in black, white, and gray

### PROPERTIES

Color	Black, White & Gray
Specific Gravity	1.28 g/ml
Viscosity	900000 CPS/Smooth Paste
Tack-Free Time	20-40 minutes

### PACKAGING

In Cartridges	In Sausages	In 5 Gal (18.93 L) Pail
10.3 oz (305 mL)	20 oz. (592 mL)	4.5 gal (17.03 L)

### Insider Tips for using SIS-440

#### Preparation of a Seam

All surfaces of the seam must be sanded, cleaned with acetone on a clean rag to remove any contaminants that would thwart proper adhesion. Seam must be dry, dust free with a moisture content of teak between 12% and 14%.

#### Seam Design

To create a better seam, we recommend applying bond breaker tape at the base of every seam to create two-sided adhesion, unless seam depth is 3/16" (5mm) or less.

### PHYSICALS

Shore A Hardness	38-40
Tensile Strength	300 psi
Elongation	850%
Modulus @ 100%	85 psi

### Safety and reliability

May cause eye, skin, and respiratory irritation. May cause allergic skin reaction. Care should be taken to read all caution labels and statements.

SIS-440 Teak Deck Caulk is a high-quality marine polymer which meets or exceeds Federal Specifications TT-S-00230C, TT-S-001543A, and American Society for Testing and Materials (ASTM) C920 and is manufactured in an ISO 9001 facility.

### Handling Suggestions

#### Complete Filling of a Seam

The seam must be completely filled from bottom to top, without voids or air bubbles. Force the tip of the caulk gun close to the bottom of the seam when filling, squeeze the tip to fit the seam. Drag a flexible putty knife at a 30-degree angle to smooth the excess caulking into the seam. Apply enough pressure to make sure caulking fills to bottom of seam but leave the caulk high to allow settling.

#### Atmospheric Conditions during Curing

The sealant should be applied at a time of day when the seam surface is cool and will not experience extreme temperature or moisture changes. Do not caulk wet or dirty seams!

#### 1. Read and follow instructions printed on the packaging.

2. Paint and varnish do not adhere well to caulking. After sanding, small particles of polymer from teak dust or other dust residue from the caulk may cause "fisheye" in wet paint. Thoroughly vacuum off teak dust and clean surfaces with proper solvents before painting to avoid paint issues.

3. Should you not completely empty the packaging in which the sealant was shipped, simply extrude approximately 1/8" beyond the tip, let cure, and you have a ready-made plug that can be pulled out easily when use is required again.

4. **CLEAN UP!** Use mineral spirits to clean your hands and tools from caulk. **NEVER USE MINERAL SPIRITS IN TEAK SEAMS (acetone only).**

## White and Gray Caulking – Special Instructions

TDS SIS440 Teak Deck Caulking in White and Gray are both based on the same reliable formulation and offer similar performance results as our well-known black, but their different pigmentation slows the curing rate, making it necessary to allow more time prior to sanding. Allowing adequate cure time and applying extra effort in both seam preparation and final finishing of Gray and White SIS440 will pay dividends in the longer term and lessen the possibilities of seam failure, environmental staining, and possible discoloration.

To achieve the best results with SIS440 White and Gray caulking, it is important that our **"TDS Caulk Application Guide"** be meticulously followed. The quality of your preparation and application will directly reflect upon the finished project, and although everything you will need to know is in the guide it is worthwhile to mention some of the most important rules that will help you to achieve a great result.



**08.** It is recommended on final finishing of the seams to sand with 120 or 150 grit paper. This will help to reduce the ability of the caulk to hold dirt in the small ridges that 80/100 grit will create.

**09.** Be sure to pass on to your customer (if performing the installation for others) that it is very important to protect the open area of the seams you are working with from moisture, dust, and other contaminants. Be sure to only clean with acetone seams that you plan to caulk the same day. The oil in teak rises quickly, if it rolls to the next day plan to re-acetone the seams.

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**08.** It is recommended on final finishing of the seams to sand with 120 or 150 grit paper. This will help to reduce the ability of the caulk to hold dirt in the small ridges that 80/100 grit will create.

**09.** Be sure to pass on to your customer (if performing the installation for others) that it is very important to protect the open area of the seams you are working with from moisture, dust, and other contaminants. Be sure to only clean with acetone seams that you plan to caulk the same day. The oil in teak rises quickly, if it rolls to the next day plan to re-acetone the seams.

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## Epoxies

Our versatile range of epoxy solutions are designed to cater to your diverse needs. Used by TDS for our deck installations, each variant guarantees unparalleled **durability, flexibility, strength and reliability**. With a convenient 1:1 mixing ratio, they are easy to use, yet deliver exceptional bonding strength, ensuring your deck stands the test of time.



### Insider Tips for using an epoxy



#### Surface Preparation

All surfaces must be clean, dry, and free of any dirt, grease, wax, etc., before beginning any surface preparation. A sample adhesion test should be performed to the primed/sealed surface at least 24 hours prior to the final glue-down, to check bonding of primer to substrate.

#### Steel

Sandblast or grind to clean white metal per SSPC-SP63 to a 3-4 mil profile. Wash with Metal Prep and follow primer instructions to clean surface. Apply a commercially approved epoxy primer.

#### Wood

Scuff with 36-40 grit paper, make sure surface is clean and dry and contain no oils.

#### Aluminum

Sandblast or grind with 24 grit sandpaper to a 3-4 mil profile and clean surface. Follow with a vinyl wash primer or Alumaprep and then apply a mil/spec zinc or strontium chromate corrosion-inhibiting primer. Finally apply a commercially approved epoxy primer.

#### Fiberglass / Gelcoat

Grind with 36-40 grit paper until no shiny surface is present, vacuum and wipe down with acetone.

#### Faired Surfaces

Seal fairing compound with a high-quality, 100% solids epoxy, and once cured aggressively sand before bonding.



### AP-100 All purpose Epoxy

**AP-100 All purpose Epoxy** is a general purpose, high strength adhesive for general marine bonding applications. Ideal for installing plugs in teak decks or bonding wood or fiberglass composites.



### FE-180 Marine Epoxy Adhesive

**FE-180 Marine Epoxy Adhesive** is a flexible epoxy, formulated to achieve excellent bond strength between teak and most common structural marine materials, such as wood, fiberglass, and properly primed aluminum, and steel. The specially engineered fillers allow the **FE-180** to achieve an excellent strength bond to less than perfectly prepared substrates

- Excellent bond strength
- Translucent color for easy blending
- 1:1 mix ratio for easy mixing
- Cures to provide non-blushing, hard surface
- 1-pint (473 mL) and 2 pint (946 mL) kits
- 24-month shelf life
- Store in a dry area between 50-85°F (10-30°)
- Excellent Bond Strength
- Best for gluing teak and teak panels
- Flexible strength resists shock and twists
- High viscosity profile to fill gaps
- 1:1 mix ratio for easy mixing
- Non-blushing
- High density fillers
- Tinted brown to complement most wood species
- 1-gallon (3.8 L) and 2-gallon (7.6 L) kits
- 12-month shelf life
- Store in a dry area between 50-85°F (10-30°)
- Maximum bond strength
- Excellent fairing material
- Superior wet-out of bonding surfaces
- Best for vacuum bagging
- Flexible strength resists shock and twist
- Light weight fillers for reduced weight and standability
- 1:1 mix ratio for easy mixing
- Non-blushing
- 1-quart (0.95 L), 1-gallon (3.8 L) and 2-gallon (7.6 L) kits
- 12-month shelf life
- Store in a dry area between 50-85°F (10-30°)



### FFE-200 Premium Gluing & Fairing Marine Epoxy

**FFE-200 Premium Gluing & Fairing Marine Epoxy** is a medium viscosity epoxy fairing/bonding compound blended to yield a light weight, flexible and easily sanded system for use as both a fairing compound for uneven surfaces and for bonding teak to fared surfaces.



**AP-100**  
All purpose Epoxy



**FE-180**  
Marine Epoxy Adhesive



**FFE-200**  
Premium Gluing & Fairing  
Marine Epoxy

PROPERTIES	VALUE	PROPERTIES	VALUE	PROPERTIES	VALUE
Gel Time 8oz (236 mL) mix	40-60 mins	Gel Time 8oz (236 mL) mix	70 mins	Gel Time 8 oz (236 mL) mix	55-70 mins
Open Time – 3/16" (5 mm)	60-90 mins	Open Time – 3/16" (5 mm)	130-170 mins	Open Time – 3/16" (5 mm)	120-140 mins
Film Set Time 3/16" @77°F (25°C)	7-8 hours	Film Set Time 3/16" @77°F (25°C)	6 hours	Film Set Time 3/16" @77°F (25°C)	4 hours
Film Set Time 3/16" @40°F (4.4°C)	16-20 hours	Film Set Time 3/16" @40°F (4.4°C)	12 hours	Film Set Time 3/16" @40°F (4.4°C)	10 hours
Adhesion to teak	Substrate Failure	Adhesion to teak	Substrate Failure	Adhesion to teak	Substrate Failure
Adhesion to Fiberglass	Gelcoat Failure	Adhesion to Phenolic	Substrate Failure	Adhesion to Fiberglass	Gelcoat Failure
Adhesion to Aluminum	450 psi	Adhesion to Aluminum	450 psi	Adhesion to Aluminum	450 psi
Adhesion to Steel	450 psi	Adhesion to Steel	450 psi	Adhesion to Steel	450 psi

Our epoxies will be usable for up to 12 months under proper storage conditions 50-85°F (10-30°) in a sealed container. Prolonged storage may cause the hardener to darken.

### Mixing instructions

- Stir both A & B components before combining
- Mix by volume: 1 part resin with 1-part activator
- Mixing MUST be thorough to ensure a good cure. Scrape the sides of the container until you have achieved a uniform color with no streaks
- DO NOT ADD ANY FILLERS OR REDUCER



## MPS-4000 Bedding & bonding adhesive

Suitable for smaller areas, where you don't need to use epoxy, the MPS 4000 is designed for bedding deck materials including teak, composite decking, and deck hardware. Suitable substrates include GRP, marine plywood, properly prepared steel, aluminum and stainless steel.

**MPS 4000 Bedding & Bonding**  
**Adhesive** is a single-component fast cure, elastomeric water-resistant, moisture cure, STPU bonding adhesive for marine applications.

- Achieves high tensile and tear strengths
- Abrasion resistant
- Has an average ultimate shore A hardness of at least 55, yet still withstands 25% total joint movement.
- 10 months shelf life from Date of Manufacture

### Insider tips for applying MPS-4000

#### TYPICAL PHYSICAL PROPERTIES at 77° (25°C), 50% Relative Humidity

TEST PROPERTY	VALUE	TEST PROCEDURE
1/4 Cure Through (hours)	48	Internal Test
Adhesion to Teak (pli)	19.1	
Adhesion to FRO (pli)	14.7	ASTM C794
Adhesion to Steel (pli)	19.1	
Elongation, ultimate (%)	225	ASTM D412
Hardness, Shore A Ultimate*	55+5	ASTM C661
Tack Free Time (minutes)	90	ASTM C579
Tear Strength (ppi)	40+5	ASTM D624
Tensile Strength, ultimate (psi)	215	ASTM D412
VOC Content (g/L)	15	ASTM D3960
VOC Emissions (TVOC)	<2 ug (0.002mg)/cu m	CDPH v1.1-2010

\*Hardness may fluctuate from this value due to variations in humidity and temperature.



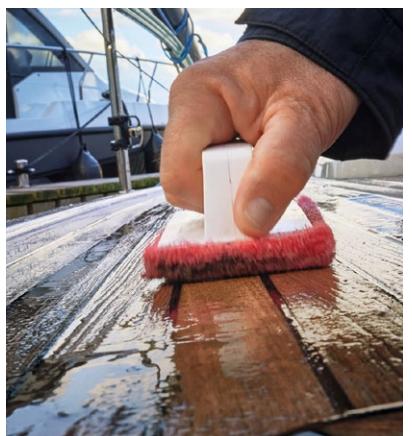
## ECO Cleaning Products

We replace many existing teak decks that have been worn out through improper maintenance. Surprisingly, many of these decks were not destroyed through neglect, but rather by excessive and rigorous cleaning. TDS has pioneered 100% environmentally safe, non-toxic & biodegradable cleaners, that are free of strong acids and designed to be thorough yet gentle on your deck, to ensure its longevity.

### Insider Tips for cleaning your deck

#### How to Clean Teak Decks

Wood should be scrubbed across the grain with a medium scrubbing pad or a soft bristle brush then rinsed with water. Scrubbing with the grain tears the soft grain from the planks, leaving the surface rough.



#### Be aware of these other type of cleaners:

##### • Two-Part Cleaners

Overuse, or improper use, of two-part caustic acid cleaners shortens the life of teak decks. These cleaners should only be used when everything else has been tried.

##### • Chlorine Bleach / Acid Cleaners / Teak Oil

Do not use chlorine bleach to bleach the deck or acid type cleaners. Chlorine will attack most caulking products, and acid cleaners will soften the caulk, causing cracks between the seam and wood. (We do not recommend the use of oils on exterior teak decking as it promotes mold growth and attracts dirt and other contaminants).

## How to Clean Composite Decks

Use **ECO-300 Teak & Composite Cleaner Liquid**, scrubbing the deck using a hard bristle brush or medium scrubbing pad. Scrub in the direction of the deck texture. For stubborn marks use **ECO-300 Teak & Composite Cleaner Liquid** or chlorine bleach diluted with water. Scrub using a hard bristle brush or medium scrubbing pad in the direction of the deck texture.



### ECO-100 Teak Cleaner Powder

**ECO-100 Teak Cleaner Powder** is a high-performance, powdered marine teak cleaner. It contains no harsh acids, caustic sodas and phosphates, yet is a powerful and effective cleaner that cleans and brightens without removing the soft fibers of your teak. It is designed to be applied directly onto the wet deck. ECO-100 will not harm your teak, caulking, hardware or paint.

- Environmentally safe
- Tough on dirt, gentle on teak
- Economical cleaning solution
- No harsh chemicals
- Cleans and brightens
- Removes mold and mildew stains
- Meets Florida Clean Marina Program standards and is MARPOL compliant
- Will not damage teak or caulk
- 2 lb (0.9 L), 8 lb (3.6 L) and 40 lb (18.14 L) containers
- 36-month shelf life
- Store in a dry area between 50-85°F (10-30°)



### ECO-300 Teak & Composite Cleaner Liquid

**ECO-300 Teak & Composite Cleaner Liquid** is formulated to be 100% environmentally friendly and represents the most advanced teak and composite decking cleaning liquid in the marine industry today. It contains no caustic sodas or phosphates and is non-toxic to the user. ECO-300 is designed to not harm your teak, caulking, hardware, or paint. This ready-to-use cleaner sticks easily to a scrubbing pad and brightens teak and composite decks better than harsh chemical cleaners, providing a richer look.

- Safe to use as often as you wish
- Environmentally safe
- Tough on dirt – gentle on teak and composite decks
- Pre-mixed and ready to use
- Thick enough to stick to scrubbing pad
- Rinses easily
- No harsh chemicals
- Cleans and brightens your teak or composite
- Biodegradable
- Meets Florida Clean Marina Program standards and is MARPOL compliant
- 1-quart (0.95 L), 1-gallon (3.78 L) and 5-gallon (18.93 L) containers
- 36-month shelf life
- Store in a dry area between 50-85°F (10-30°)



## Teak Sealer & Protector

**Teak Sealer & Protector** is designed to be easy to apply and maintain without changing the natural color or properties of teak. Our unique water-based formulation penetrates the wood grain to provide protection from dirt, grease, fish blood, etc. It also provides maximum weather protection from UV without pigments that change the natural color of teak and does not need to be wiped from the caulk seams.



## Composite Sealer

The **Composite Sealer** protects and enhances any type of composite decking. The sealer penetrates deep into the composite plank and creates a hydrophobic barrier resistant to both alkali and marine growth. The product contains no VOC's and is safe for the environment.

The sealer will not yellow over time, preserving the natural color and texture of your deck, ensuring it's durability for years to come. Designed to be environmentally safe and easy to use, it is powerful enough to prevent stains, UV damage, and weathering.

- Environmentally safe and easy to use
- Tough and durable
- Will not yellow over time
- May be applied at temperatures from 40°F (4°C) to 90°F (32°C)
- Contains 0g/L VOC's
- Meets Florida Clean Marina Program standards and is MARPOL compliant

## Insider tips for sealing your deck

### Prepare the deck

Clean deck with **ECO-100 Teak Cleaner Powder** before application and wait for the deck to dry. Never attempt to apply the sealer to previously oiled decks without removing all oils down to a clean or sanded deck.

### How many coats does the deck need?

Two coats are required. Wait at least 2 hours before recoating. The first coat should be dry to the touch, tack-free. Recoating should be done promptly before the deck accumulates dust and dirt.

### How often should I apply it?

The sealer may be reapplied at the first signs of wear to avoid visible breaks in coating, and in tropical climates will last up to 3 months.

- Does not affect teak's appearance for months on new or freshly cleaned teak, and prevents oxidation (graying) for months
- Contains no additives or pigments that will change natural appearance of teak or caulk seam. Nor will it damage the caulking
- Does not alter teak's natural non-slip properties.
- Easy to apply and to re-coat
- Helps to prevent mold on new teak and prevents dirt from penetrating the wood grain
- Contains no oils, urethanes, or varnish
- 1 quart (0.95 L) and 1-gallon (3.78 L)
- 24-month shelf life
- Store in a dry area between 50-85° F (10-30° C)



## Insider tips for applying the Composite Sealer

### Prepare the deck

Clean deck with **ECO-300 Liquid Deck Cleaner** before application and wait for the deck to dry.

### How many coats does the deck need?

An existing deck will require 1 coat, while a new deck will require 2. The second coat should be applied after first coat dries or within 24 hours. Ensure that it is applied to a clean deck.

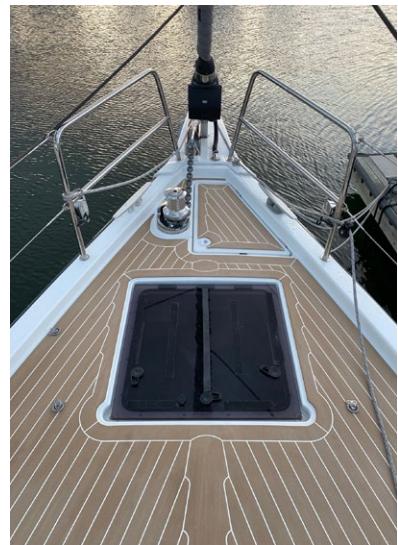
### How often should I apply it?

The sealer may be reapplied as needed, depending on cleaning regimen and external conditions or wear. Typically every 3-6 month as an average.

### Why has some darkening occurred after using it?

Occasionally, during application or while making touch up repairs, some temporary darkening might occur, this should fade and blend in over a few hours.

- Excellent on Faux-Teak / Composite furniture
- Water based formula
- Does not affect composite deck's non-slip properties
- Long lasting, up to 3 months in tropical climates
- Protects cork decks as well
- 1 quart (0.95 L) and 1-gallon (3.78 L)
- 24-month shelf life
- Store in a dry area between 50-85° F (10-30°)





## TDS Reefing Hook

**Removes caulk or other flexible materials from seams**

The **TDS Reefing Hook** can be used before re-caulking to remove caulk or other sealants from a seam. A razor knife should be used to free the caulk from the sides of the seam. The reefing hook will remove most of the caulking, leaving minimal material for final hand sanding with the TDS Reefing Hook.

- Specifically designed, stainless steel construction
- Handle designed for comfort
- Designed for long service; can be re-sharpened
- Handle designed for comfort
- Ergonomically designed and constructed for long service life
- Professional in ease and speed of operation
- Made of the finest quality stainless steel
- Adjustable depth sanding plate from 3/16" – 7/8" (5-22 mm)
- Kit consists of handle, sanding plate and six sanding pads
- Sandpaper strip replacements available



## TDS Bond Breaker Tape

The TDS Bond Breaker Tape (also known as fine line tape) is for use at the bottom of the seam on the deck to avoid 3-sided adhesion of the caulk.



## TDS Seam Sander

**Sand seam walls before caulking seams**

The **TDS Seam Sander** is designed for vertical sanding of seam walls to remove old material before re-caulking, the Seam Sander ensures the best possible preparation for new caulk to bond to the teak. Use it to remove final residue of caulking, leaving a totally clean surface for the new caulk to bond to.

- Handle designed for comfort
- Ergonomically designed and constructed for long service life
- Professional in ease and speed of operation
- Made of the finest quality stainless steel
- Adjustable depth sanding plate from 3/16" – 7/8" (5-22 mm)
- Kit consists of handle, sanding plate and six sanding pads
- Sandpaper strip replacements available



## TDS sandpaper replacement strips

The TDS sandpaper replacement strips (40 grit) are for the TDS Seam Sander.



## TDS Sausage Caulking Gun

**Re-caulk using sausages**

The **TDS Sausage Caulking Gun** uses 20 oz (592 mL) sausage packaging, providing added convenience and less waste.

- Manual or pneumatic
- High quality
- Adjustable flow
- Faster for large jobs
- Less changing out of cartridges
- Better for the environment and less waste



## TDS Caulk Gun Nozzle

The TDS Caulk Gun Nozzle for 20 oz (592 mL) caulking guns.

## TDS Product Details - Shelf Life, Storage, Coverage

PART N°	DESCRIPTION	SHELF LIFE	STORAGE TEMP RANGE	COVERAGE
116-001	SIS-440 Teak Caulk 10 oz Cartridge - Black	15 Months	33-79° F / 1-25° C	See Caulk Yield Calculator
116-002	SIS-440 Teak Caulk 10 oz Cartridge - White	15 Months	33-79° F / 1-25° C	See Caulk Yield Calculator
116-003	SIS-440 Teak Caulk 10 oz Cartridge - Gray	15 Months	33-79° F / 1-25° C	See Caulk Yield Calculator
116-004	SIS-440 Teak Caulk 20 oz Sausage - Black	18 Months	33-79° F / 1-25° C	See Caulk Yield Calculator
116-005	SIS-440 Teak Caulk 20 oz Sausage - White	18 Months	33-79° F / 1-25° C	See Caulk Yield Calculator
116-006	SIS-440 Teak Caulk 20 oz Sausage - Gray	18 Months	33-79° F / 1-25° C	See Caulk Yield Calculator
118-001	ECO-100 Teak Cleaner Powder - 2 LB	36 Months	50-85° F / 10-30° C	60-75 ft <sup>2</sup> / 6-7 m <sup>2</sup>
118-002	ECO-100 Teak Cleaner Powder - 8 LB	36 Months	50-85° F / 10-30° C	250-300 ft <sup>2</sup> / 23-28 m <sup>2</sup>
118-003	ECO-100 Teak Cleaner Powder - 40 LB	36 Months	50-85° F / 10-30° C	1250-1500 ft <sup>2</sup> / 115-140 m <sup>2</sup>
118-005	ECO-300 Teak & Composite Cleaner Liquid - 1 QT	36 Months	50-85° F / 10-30° C	60-75 ft <sup>2</sup> / 6-7 m <sup>2</sup>
118-006	ECO-300 Teak & Composite Cleaner Liquid - 1 GAL	36 Months	50-85° F / 10-30° C	250-300 ft <sup>2</sup> / 23-28 m <sup>2</sup>
118-007	ECO-300 Teak & Composite Cleaner Liquid - 40 lbs/5 GAL	36 Months	50-85° F / 10-30° C	1250-1500 ft <sup>2</sup> / 115-140 m <sup>2</sup>
118-014	TDS 509 SPOT LIFTER Aerosol Spray 12.5 oz	36 Months	50-85° F / 10-30° C	12-15 ft <sup>2</sup> / 1.2-1.4 m <sup>2</sup>
119-001	TEAK SEALER & PROTECTOR - 1 QT	24 Months	50-85° F / 10-30° C	75-87 ft <sup>2</sup> / 7-8 m <sup>2</sup>
119-002	TEAK SEALER & PROTECTOR - 1 GAL	24 Months	50-85° F / 10-30° C	300-350 ft <sup>2</sup> / 27.9-32.5 m <sup>2</sup>
118-018	COMPOSITE SEALER - 1 QT	24 Months	50-85° F / 10-30° C	50-75 ft <sup>2</sup> / 4.6-7 m <sup>2</sup>
118-019	COMPOSITE SEALER - 1 GAL	24 Months	50-85° F / 10-30° C	200-300 ft <sup>2</sup> / 18.6-27.9 m <sup>2</sup>
115-002	AP100 Marine Epoxy - 1 Pint Kit	24 Months	50-85° F / 10-30° C	3.7-5 ft <sup>2</sup> / 0.34-0.46 m <sup>2</sup>
115-003	AP100 Marine Epoxy - 2 Pint Kit	24 Months	50-85° F / 10-30° C	7.5-10 ft <sup>2</sup> / 0.7-0.9 m <sup>2</sup>
115-010	FE180 Marine Epoxy - 1 GAL Kit	12 Months	50-85° F / 10-30° C	30-40 ft <sup>2</sup> / 2.8-3.7 m <sup>2</sup>
115-011	FE180 Marine Epoxy - 2 GAL Kit	12 Months	50-85° F / 10-30° C	60-80 ft <sup>2</sup> / 5.6-7.4 m <sup>2</sup>
115-013	FFE200 Premium Marine Epoxy - 1 QT Kit	12 Months	50-85° F / 10-30° C	7.5-10 ft <sup>2</sup> / 0.7-0.9 m <sup>2</sup>
115-014	FFE200 Premium Marine Epoxy - 1 GAL Kit	12 Months	50-85° F / 10-30° C	30-40 ft <sup>2</sup> / 2.8-3.7 m <sup>2</sup>
115-015	FFE200 Premium Marine Epoxy - 2 GAL Kit	12 Months	50-85° F / 10-30° C	60-80 ft <sup>2</sup> / 5.6-7.4 m <sup>2</sup>
116-014	MPS4000 One-Part Adhesive, White - 20 oz Sausage	10 Months	60-80° F / 16-27° C	10 ft <sup>2</sup> / 0.93 m <sup>2</sup>

# How To Order

## SIS-440 TEAK DECK CAULKING

PART N°	DESCRIPTION	STANDARD PACK QTY
116-001	SIS-440 Teak Caulk 10.3 oz (305 mL) Cartridge – Black	12 Cartridges/Case
116-002	SIS-440 Teak Caulk 10.3 oz (305 mL) Cartridge – White	12 Cartridges/Case
116-003	SIS-440 Teak Caulk 10.3 oz (305 mL) Cartridge – Gray	12 Cartridges/Case
116-004	SIS-440 Teak Caulk 20 oz (592 mL) Sausage – Black	12 Sausages/Case
116-005	SIS-440 Teak Caulk 20 oz (592 mL) Sausage – White	12 Sausages/Case
116-006	SIS-440 Teak Caulk 20 oz (592 mL) Sausage – Gray	12 Sausages/Case

## TDS EXPOXY GLUES & SINGLE PART ADHESIVES

PART N°	DESCRIPTION	STANDARD PACK QTY
115-002	AP100 All Purpose Epoxy 1 pt (473 mL) Kit	1 kit
115-003	AP100 All Purpose Epoxy 2 pt (946 mL) Kit	1 kit
115-010	FE180 Marine Epoxy Adhesive 1 gal (3.8 L)	1 kit
115-011	FE180 Marine Epoxy Adhesive 2 gal (7.6 L)	1 kit
115-013	FFE200 Premium Gluing & Fairing Marine Epoxy 1 qt (0.95 L)	1 kit
115-014	FFE200 Premium Gluing & Fairing Marine Epoxy 1 gal (3.8 L)	1 kit
115-015	FFE200 Premium Gluing & Fairing Marine Epoxy 2 gal (7.6 L)	1 kit
116-014	MPS4000 One-Part Adhesive 20 oz Sausage	12/Case

## TDS ECO CLEANERS AND SEALERS

PART N°	DESCRIPTION	STANDARD PACK QTY
118-001	ECO-100 Teak Cleaner Powder 2 lb (0.9 L)	6/Case
118-002	ECO-100 Teak Cleaner Powder 8 lb (3.6 L)	4/Case
118-003	ECO-100 Teak Cleaner Powder 40 lb (18.14 L)	1/Case
118-005	ECO-300 Teak & Composite Cleaner Liquid 1 qt (0.95 L)	6/Case
118-006	ECO-300 Teak & Composite Cleaner Liquid 1 gal (3.78 L)	4/Case
118-007	ECO-300 Teak & Composite Cleaner Liquid 5 gal (18.93 L)	1/Pail
118-014	TDS 509 Spot Lifter Aerosol Spray 12.5 oz (0.36 L)	12/Case
119-001	Teak Sealer and Protector 1 qt (0.95 L)	6/Case
119-002	Teak Sealer and Protector 1 gal (3.78 L)	4/Case
118-018	Composite Deck Sealer 1 qt (0.95 L)	6/Case
118-019	Composite Deck Sealer 1 gal (3.78 L)	4/Case

## TOOLS

PART N°	DESCRIPTION	STANDARD PACK QTY
234-001	Bond Breaker / Tape Fineline 1/8" (3.2 mm)	1 each
234-002	Bond Breaker / Tape Fineline 3/16" (4.8 mm)	1 each
234-003	Bond Breaker / Tape Fineline 1/4" (6.4 mm)	1 each
123-001	Reefing Hook – Caulk Removal Tool	10/Case
123-002 -M	Seam Sander Kit (1 Sander & 6 strips sandpaper)	1 kit
231-045A	Seam Sander Sandpaper (40 grit) Strip Replacement Kit	6 strips/pack
123-004	Standard Plastic Nozzle	1 each
123-006	Sausage Gun, Manual	1 each
123-007	Sausage Gun, Pneumatic	1 each

# General Procedures

## Inspecting the Deck

Hose down the deck with water. As the deck dries, observe any wet spots that do not dry completely. These areas likely need further attention, such as new plugs, additional caulk repair, etc.

## Repairing / Replacing Damaged Boards

To repair a small crack in a teak batten, use a razor blade knife to clean the crack and fill with 1:1 **TDS AP-100 Marine Epoxy**.

To repair a large crack or chip, router out the damaged area and insert a piece of teak (Dutchman). Fasten with 1:1 **TDS AP-100 Marine Epoxy**.

## Reseaming

If caulking is low or not adhering to the side of deck planks, seam repairs are needed. This involves removing the old caulk from the seams and preparing the wood for new caulk. This process can be labor-intensive, so we recommend the following steps:

## 01

Lightly sand the decks with 60-80 grit, depending on the condition, to create a smooth, even surface. This is especially important if a saw or router is used to remove the old caulk from seams. A smooth surface makes it easier to perform the final sanding and detailing as it minimizes the amount of caulk that could get into the grooves of a weathered deck, and reduces the amount of sanding needed after reseaming.

## 02

Remove old caulk using one of these methods:

**Option 1:** Use a razor knife to cut along the edge of the caulk. Then using a caulk removal tool (or TDS Reefing Hook) to dig out the caulk from the seams.

**Option 2:** Use a router or circular saw to clean out the seam. This method requires more skill.

## 03

Once the caulk is removed, make sure both sides of the seam have dry wood at least 5mm (3/16") deep.

## 04

Vacuum all the dust from the seams and wipe the seams with acetone before applying new caulk. The seams must be clean for proper adhesion.

## 05

Use Bond Breaker (fine line) tape if the seam has a rabbet and a minimum depth of 5mm (3/16"). Please see "Proper Composition of a Caulk Seam".

## 06

Recaulk using **TDS SIS 440 caulking**. Follow all application instructions listed on package and in this guide.

### Note:

**Under no circumstances should moisture or water be let into the seams during this process.**

## Plugging Repairs

Old plugs or cracked plugs can be removed using a small chisel. Once removed, re-bore the hole using a hole cutter. If the sides of hole are damaged, increase the diameter of the cutter and new plug. Insert new plug, aligning its grain direction with the teak grain, and apply **TDS AP-100 Marine Epoxy** completely around the new plug. Let the epoxy cure before cutting plug. Cut in grain direction, leaving extra wood on the surface for "shaving" or sanding. This ensures plug remains flush with the deck surface.

## Resurfacing Deck

Completely sand the deck using an 8" grinder or a 6" dual-action sander with a soft sanding pad and sanding disc.

**Note:** The grit of the sandpaper depends on the condition of the deck. If the deck is in poor condition, start with 40 grit and finish with 80-100 grit.

**Important:** To avoid gouging the teak, hold the pad flat to the deck. Vacuum up the dust.

## Finish on Exterior Teak Decking

We do not recommend any finish on exterior teak decking. However, if a sealer is to be used, choose a brand such as **TDS Teak Sealer & Protector**, which does not contain kerosene or other petroleum products (SEMCO teak sealer contains petroleum and will cause caulk to swell). Any sealer containing a petroleum distillate may damage the caulking over time.

**Before applying any sealer**, clean teak or other wood items thoroughly with **TDS ECO-100 or ECO-300 cleaners**. Make sure all grease, dirt, and oil are removed. After cleaning, rinse the teak thoroughly with fresh water and let it dry. **Do not apply sealer to a damp or wet surface, or in direct sunlight during the heat of the day**.

# What our Customers Have to Say



SIS 440 Caulking - It's the best! I use this product to fill my teak deck seams. I have tried several different brands to do this including two part caulk systems and have found this to be the easiest to apply, long lasting and looks good.

**R.S. verified purchase on Amazon.com**

**Michael Porter, Purchasing Manager, San Diego Marine Exchange**

I wanted to write a quick note letting you and your team know how much we appreciate the passion you guys show towards our business. It has always been and will continue to be an incredible working relationship between Teak Decking Systems and our company. Merritt Supply prides itself on being a distributor of quality products that are leaders in the industry. It helps to know that TDS continues to be innovative and committed to producing quality products.

**Matt Dacus, General Manager, Merritt Supply**

The ECO300 Cleaner worked incredibly well. Couldn't be more pleased with the results.

**Jamestown Distributors website – verified purchase by Jeff from Kansas City**

TDS Reefing Hook  
I couldn't have done the job without the reefing hook. It's expensive, and you'll get a serious workout, but worth every penny.

**B.G. verified purchase on Amazon.com**

I have always used TDS products for my deck building or repairs, and would never consider using anything else. We can always count on the quality and consistency of their caulk and glue, and never have any problems. Their SIS440 caulking is the gold standard for me, having re-seamed dozens of newer European boats with badly failing caulk. Both the products and service I get from TDS are top-notch, and I can confidently recommend them to anyone in the marine decking business.

**Mike Hirshberg, Owner Teak Cockpit Solutions.**



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