

Technical Informations

Product : **TIKALFLEX TSCplus**
Date : **03/ 2022**

Description

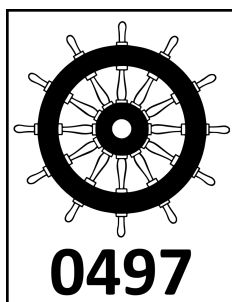
TSCplus is a one-part, paste like neutral cure adhesive sealant specially designed to caulk and seal teak decks. It cures when exposed to moisture in the air forming a tough, flexible bubble free seal. It's non-corrosive and has excellent adhesion, temperature stability and chemical resistance as well as resistance to sunlight, UV and salt water. It can be sanded once cured but may not be overpainted.

Typical Benefits

- Requires no primer, no primer allowed
- Remains flexible – will not shrink, crack, crumble or dry out
- Long-life reliability – 10 years guarantee
- Resists staining, mildew, spotting and color change
- Sandable and without air bubbles and unsightly voids.
- Fast curing formula allows the deck to be walked on the next day.

Typical Properties

Basis	Adv. Silane Polymere
Consistency	Paste
Curing system	Moisture curing
Color	Black, Grey, special white
Extrusion Rate	Approx. 230g/min
Skin Formation	Ca. 5-10 min
Tack Free Time	Ca. 30 min
Curing speed (25°C / 65% R.H.)	Ca. 3 mm/24h
Hardness	39 Shore A
Density	Ca 1,25 g/ml
Tensile Strength	Ca 1,7 N/mm ²
Adhesion to Teak	3 N/mm
Elongation at break (DIN 53504)	670 %
Modulus at 100% elongation	1,2 N/mm ²
Temperature resistance	-30 °C → 150 °C
Application temperature	5 °C → 45 °C
Certificates	IMO MED 0497 / 1353



Clean-up

Excess sealant can be easily cleaned off tools and nonporous surfaces while in the uncured state, using **Tikalflex Cleaner C** or **Tikalflex Cleaning whipes**.

For cleaning hands use Tikalflex Cleaning whipes.

Never use mineral / white spirits

Cured material can only be removed mechanically.

Limitations

Do not use acid cleaning solutions to clean surfaces.

Paint and varnish will not adhere to **TSCplus**.

TSCplus and **Sikaflex 290 DC** won't stick on each other.

Storage and Shelf Life

When stored in original unopened container at or below 26°C (79°F) best as dry and cold as possible.

Products has a shelf life of:

Cartridge 16 month from date of manufacture

Sausages 18 months from date of manufacture

Packaging

12 x 300 ml cartridges (black)

12 x 600 ml sausages (black, grey, (white))

Caution - Safety

Direct contact of uncured sealant irritates eyes and may irritate skin.

Do not handle contact lenses with sealant on hands.

For further info, request for MSDS

Disclaimer

The information contained in this data sheet is empirical or based on laboratory testing and is not intended for design purposes.

Tikal Marine Systems GmbH makes no representations or warranties of any kind concerning these data. Tikal Marine Systems GmbH assumes neither responsibility nor liability for results obtained by the end-user where Tikal Marine Systems GmbH has no control over variables of storage, substrates, surface preparation, temperature, handling, and application **if Tikal Marine Systems GmbH did not gave a Letter of guarantee. For letter of guarantee see www.tikal-online.de/teakdeck**

Users are responsible for making their own tests and evaluation of this product when not following the TIKAL MARINE SYSTEMS GMBH regulations.