

Technical Information

Product : **TIKALFLEX TSCplus**
Date : **03/ 2026** (all older versions are therefore invalid)

Description

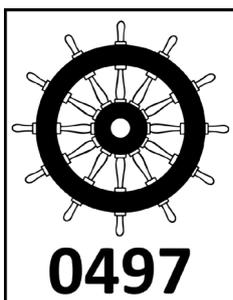
TSCplus is a one-part, paste like neutral cure adhesive sealant specially designed to caulk and seal teak decks. It cures when exposed to moisture in the air forming a tough, flexible bubble free seal. It's non-corrosive and has excellent adhesion, temperature stability and chemical resistance as well 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 | 35 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 material can be removed from non-absorbent surfaces, tools, GRP and skin using **TIKALFLEX CW cleaning wipes**.

Never use mineral / white spirits

Cured material can only be removed mechanically.

To maintain the full warranty, the finished teak deck may only be cleaned with salt water or our **Tikal TeakCleaner - Liquid or - Powder Scrub**.

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 shelf life is: 18 months (from date of manufacture)

Packaging

24 x 100 ml mini-foil (black)

12 x 600 ml alu-foil (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

<https://www.tikal-online.de/en/products/teak-deck/tsc/>

Disclaimer

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

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For letter of guarantee see <https://www.tikal-online.de/en/products/teak-deck/guarantee/>

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