

Technical Informations

Product : **TIKALFLEX TSC – Teak Seam Caulk**

Date : **05/ 2020**

Description

Tikalflex TSC 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	Oxime Silane
Consistency	Paste
Curing system	Moisture curing
Color	Black, Grey, special white
Extrusion Rate	Approx. 230g/min
Skin Formation	Ca. 5 min
Tack Free Time	Ca. 30 min
Curing speed (25°C / 65% R.H.)	Ca. 3 mm/24h
Hardness	30 Shore A
Density	Ca 1,25 g/ml
Tensile Strength	Ca 1,8 N/mm ²
Adhesion to Teak	3 N/mm
Elongation at break (DIN 53504)	250 %
Modulus at 100% elongation	1,2 N/mm ²
Temperature resistance	-30 °C → 150 °C
Application temperature	5 °C → 45 °C

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 **Tikalflex TSC**.

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

Tikalflex TSC for teak decks is available
310 ml cartridges comes in cases of 12 in each
592 ml sausages comes in cases of 16 in each.

Caution - Safety

Direct contact of uncured sealant irritates eyes and may irritate skin.
Overexposure to vapor may irritate eyes, nose and throat.

Use with adequate ventilation.
Do not handle contact lenses with sealant on hands.
For further info, request for MSDS

Disclaimer

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