

**Technical Informations**  
**MSDS**



Product : **Tikalflex TSC Bond**  
Date : **10 / 2019** (all older versions are non valid )

### Description

**Tikalflex TSC Bond** is a one-part, paste like neutral cure SPU adhesive, specially designed to glue Teakwood and Panels to ship decks ( CFK,steel, aluminium, wood). It cures when exposed to moisture in the air forming a tough, flexible bubble free seal. It's non-corrosive and has excellent adhesion and temperature stability.

### Typical Benefits

- Flooring bond for teakdecks
- Very long open time, up to 45 min
- Very good adherence to teak
- Very good adherence to CFK, metal and wood
- No primer needed

### Limitations

**PP, PE, Teflon as well as bitumen undergrounds.**

### Application Preperation

Underground and surfaces must be clean, solid, free of grease. All surfaces must be dry, slight surface-moisture means no problem for cure of the material.

### Packaging / Colour

Standard : brown

- 6 x Aluminium sausage of 1.800 ml
- 20 x Aluminium sausage of 600 ml

## Typical Properties

Chem. Base		SPU
Application temperature		10 ° C to 45° C
Dense		1,65 g / ml
Skintime	23°C / 55 % RF	45 min
Curing within 24 h	23°C / 55 % RF	2 mm
Min. Temperatur during transport		- 15 ° C
Shelflife when stored at 5°C to 25 °C		12 Month
Temperature after cure		-30° C to + 75° C
Durometer Hardness, Shore A	2 mm DIN 53505	65
Ultimate Tensile Strength (max elong)	DIN EN ISI 527-3	1,9 N / mm <sup>2</sup>
Max. strain	DIN EN ISO 527-3	60 %

## 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](http://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.

## Caution - Safety

Direct contact of uncured sealant irritates eyes and may irritate skin.  
Overexposure to vapor may irritate eyes, nose and throat.  
Do not handle contact lenses with sealant on hands.

MSDS can be found at [www.tikal-online.de](http://www.tikal-online.de)  
\ Products \ Teakdeck \ TSC Bond in the download section