

















# **ADHESIVES AND SEALANTS TIKALFLEX**

## **Adhesives and Sealants**

- MS-Polymer free of isocyanate and solvents and softeners
- No shrinking (< 1%)
- Highly resistant against most chemicals
- Very high adherence and elasticity
- Works under water
- General use without primering
- Paintable and grindable
- Very long shelf life

### **Contact 12**

**Multi purpose Marine adhesive** and sealant, aviable in black, white and grey. Works on wet surfaces as well as under water. Short open time, early grindable, fast paintable.

### Clear 10

**Transparent adhesive** for all interior applications.

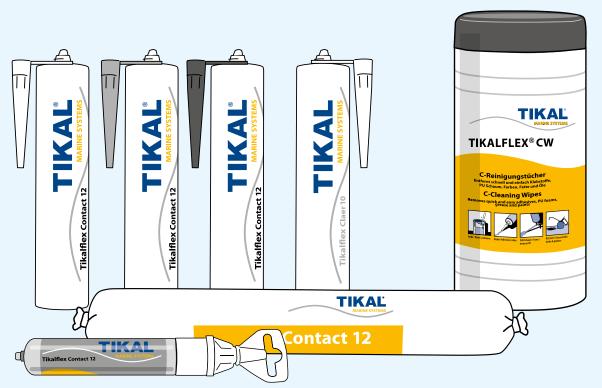
### **Available sizes:**

- 70 ml tube
- 290 ml cartridge
- 600 ml tubular bag
- In black, white, grey or transparent

| Technical information                   |                         |
|---|-------------------------|
| Chemical base                           | MS Polymer              |
| Density                                 | 1,54 g / ml             |
| Shore Hardness A                        | 60                      |
| Skintime                                | 10-15 min.              |
| Shelf life when stored at 5 °C to 25 °C | 18 months               |
| Application temperature                 | 0 °C to 40 °C           |
| Full Cure Time                          | 2 mm/24h                |
| Curingtime                              | < 2 mm                  |
| Practical Elongation                    | +/-25%                  |
| Tensile Strength                        | 2,3 N / mm <sup>2</sup> |
| Elongation at break                     | 350 %                   |
| Saltwater & weather resistance          | Provided                |
| UV-resistant                            | No                      |

### **Tikalflex CW**

Cleans hands and surfaces of uncured adhesives and sealants such as MS polymers, silicones, polyurethanes, oil, grease, and paints. Dermatologically tested.



#### **Content:**

• Tin with 80 cloths

## **PCW 14**

Sealant for all kind of windows, Polycarbonate, Acryl or glas. No primer needed, very UV-resistant and very long lasting marine-silicone.



- Extremely UV-resistant
- Very good adhesion to PVC, acrylic, polycarbonate & glass
- Very good adhesion to wood, metal & GRP
- No primer
- Cannot be painted over

### **Available size:**

- 300 ml cartridge
- Colour: black

| Technical information                 |                       |
|---------------------------------------|-----------------------|
| Chemical base                         | Polysiloxane-Silicone |
| Density                               | 1,03 g/ml             |
| Shore Hardness A                      | 20-25                 |
| Skintime                              | 10-20 Min.            |
| Shelf life when stored at 5°C to 25°C | 12 months             |
| Application temperature               | 5 °C - 35 °C          |
| Curingtime approx.                    | 2mm/24h               |
| Temperature resistance                | - 40 °C to 180 °C     |
| Tensile strength                      | 1,5 N/mm <sup>2</sup> |
| Elongation at break                   | > 600 %               |
| UV-resistant                          | Yes                   |

# **TBJ 30**



Extremely UV-resistant, steadfast sealant, based on SMP. Suitable for connection joints and expansion joints, beadings between teak, structure or glass.

- High elasticity, good mechanical strength
- Long open time
- Solvent-, isocyanate- and silicone-free
- Low odor
- Very low emissions
- Extremely UV-resistant
- Very broad adhesion spectrum
- Sandable and paintable
- No primer required

| Avai | labl | e si | ze: |
|------|------|------|-----|

- 600ml tubular bag
- Colour: black, grey, white

| Technical information                   |                                |
|---|--------------------------------|
| Chemical base                           | SMP Hybrid                     |
| Density                                 | $1.48 \pm 0.05 \text{ g/cm}^3$ |
| Shore Hardness A                        | 32                             |
| Skintime                                | 30 Min.                        |
| Shelf life when stored at 5 °C to 25 °C | 18 months                      |
| Application temperature                 | 5 °C to 40 °C                  |
| Curing Time                             | 2,5 mm/24h                     |
| Temperature resistance after curing     | -40 °C to +90 °C               |
| Sag resistance                          | Non-sagging                    |
| Tensile strength                        | 1,6 N/mm <sup>2</sup>          |
| Elongation at bBreak                    | approx. 600 %                  |
| Permissible total deformation           | 20%                            |
| UV-resistant                            | Yes                            |





# **HPMG – High Pressure Marine Grease**

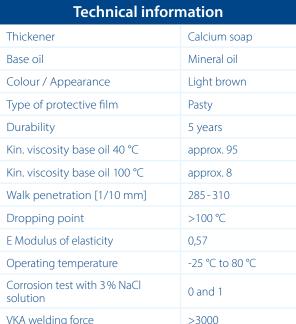
**Tikal HPMG** is a mineral oil based lubricant with calcium soap and extreme high pressure additives. It provides long-lasting corrosion protection for components in direct contact with seawater. The EP additives form a hydrophobic reaction layer on the metal surface. This prevents corrosion and repels water.

**Tikal HPMG** improves the tribological properties of a material. It reduces friction, reduces wear and protects against welding.

At high pressures, sulphur (phosphoric acid derivative) is released from the EP additives. The released substance immediately reacts on the surface to form metal sulphides/phosphates and forms a layer that prevents welding of two rubbing metallic materials.

- Very good resistance to salt water
- Excellent corrosion protection
- Extreme pressure resistance
- Prevents welding of workpieces
- Provides wear protection through EP (Extreme Pressure) additives
- Corrosion protection for outdoor storage up to 1 year







# Tikal Tef-Gel Anticorrosion – Antiseize

**Tikal Tef-Gel** which is produced in Germany, is a watertight, PTFE-based paste and can be used universally. It prevents metal from blooming and protects reliably against corrosion by means of galvanic currents between different types of metal.

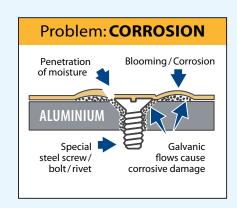
**Tikal Tef-Gel** can be used as a seawater-resistant lubricant and for sealing purposes to prevent water from penetrating.

Always use **Tikal Tef-Gel** with your screws, bolts and rivets, and everything can easily be taken apart again after intensive use in seawater. The same applies to the protection of turn-buckles against rusting.

**Tikal Tef-Gel** is used in the boat industry, automotive industry, in aviation and aerospace and wherever parts have to be protected from corrosion.

**Tikal Tef-Gel** is not harmful to your health and has no danger markings.

- 10 g tube (single or as counter display)
- 60 g can
- 360 g cartridge
- 500 g can









# TSCplus Teak Caulk | Seam Sealant

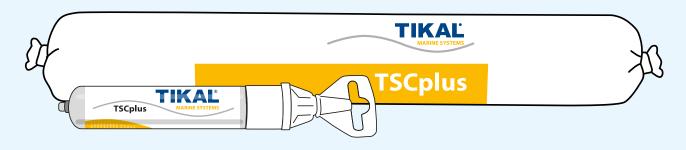
TSCplus is a high-quality, one-component teak deck joint sealant that has been produced for over 25 years. TSCplus reacts with atmospheric moisture to form a durable, flexible and bubble-free sealant.

It is non-corrosive, has excellent adhesion to teak, is highly UV-resistant, and very robust against temperature fluctuations, salt water, and many chemicals. TSCplus can be sanded very well, it cannot be painted over.

- No primer needed
- Long-life reliability 10 years guarantee on black, 6 years on grey and white
- Extreme resistant against UV-light
- Remains flexible will not shrink, crack, crumble or dry out
- Strong elasticity and adherance
- Resistant against fresh- and saltwater
- No sagging, no bubbles
- Effective since 1993

| Technical information                   |                   |
|---|-------------------|
| Chemical base                           | Silane Polymer    |
| Density                                 | 1,25 g/ml         |
| Shore Hardness A                        | 39                |
| Skintime                                | 5 min.            |
| Shelf life when stored at 5 °C to 25 °C | 18 months         |
| Application temperature                 | 5 °C to 45 °C     |
| Temperature resistant after curing      | -30 °C to +150 °C |
| Tack-free time                          | after 25 min.     |
| Full cure                               | 3mm/24h           |
| Tensile adhesive strength               | 1,7 N/mm²         |
| Max. Elongation                         | 670%              |
| E Modulus of elasticity                 | 0,57              |
| Approvals                               | 0497              |
| Warranty                                | 10 (6) years      |

- 100 ml sausage
- 600 ml sausage
- · In black, grey and white



# **TLB Flex**

# **Teak Levelling & Bonding Flexible**

TLB Flex is a surface adhesive designed to glue teakwood and panels, as well as cork or synthetic decks to ship decks (GRP, metal or wood).

For application with PVC decks it's recommended to use our SynteakActivator as a primer.

| Technical information                   |                       |
|---|-----------------------|
| Chemical base                           | MS Hybrid Polymer     |
| Density                                 | 1,70 g/ml             |
| Shore Hardness A                        | 55                    |
| Skintime                                | 45 min.               |
| Shelf life when stored at 5 °C to 25 °C | 18 months             |
| Application temperature                 | 10 °C to 35 °C        |
| Temperature resistant after curing      | -40 °C to +90 °C      |
| Shear strength                          | 1,4 N/mm²             |
| Tensile strength                        | 2,0 N/mm <sup>2</sup> |
| Elongation at break                     | 150 %                 |
| Can be loaded after                     | 15 h                  |
| Approvals                               | 0497                  |

- Very long open time (45 minutes)
- Excellent adhesion to cork, teak and other woods, as well as fiberglass and metal
- Primer-free application
- Excellent adhesion to synthetic teak decks (primer required)
- High-quality, one-component, weather-resistant adhesive and sealant based on MS Hybrid
- Odorless, isocyanate- and solvent-free





- 600 ml sausage (black)
- 500 ml Synteak Activator





### **TLB Pox**

# **Teak Levelling & Bonding Epoxyresin**

TLB Pox is a high quality, 2 compound epoxy bonding paste/filler specially developed for levelling and bonding teak deckings on steel, alu, cfk.

- Excellent adhesion propertes on teak, CFK, metal
- Suitable for vacuum bagging
- High elongation to break
- Lightweight 0,65 Kg/Liter
- Cures down to 10° C
- 1:1 mix rato
- Levelling up to 35 mm
- Very long open time 1-2 h

# **Available sizes:** • 2x1,4 Liter

• 2 x 20 Liter



### **Teak Cleaner**



### **Tikal Teak Cleaner Liquid**

Liquid teak, cork, and PVC cleaner. Ideal for teak decks made with TSCplus and TBJ 30.

- Ready-to-use
- Environmentally friendly, without harsh chemicals
- Tough on dirt gentle on teak and PVC decks
- Brightens teak and leaves it looking fresh
- MARPOL compliant

# Available sizes:

- 1 liter
- 5 liter



#### Tikal Teak Cleaner Powder Scrub

Granular powder cleaner for teak, cork, and PVC. Compatible with TSCplus and TBJ 30, as well as teak.

- Effective abrasive cleaning
- Environmentally friendly, without harsh chemicals
- Tough on dirt gentle on teak and PVC decks
- Mix as needed
- Space-saving powder form
- Brightens teak and leaves it looking fresh
- MARPOL compliant

# Available sizes:

• 10 kg dry



# **TSCplus Warranty**

We offer a 10-year warranty on our Tikalflex TSC material for the color BLACK and a 6-year warranty for the colors WHITE and GRAY.

Download the form from our website, send us the required information and documentation, and you will receive a warranty certificate shortly.

We offer you a standard warranty on the material or an extended warranty for the first 5 years, which provides full coverage including all relevant costs (renovation, materials, incidental costs). The extended warranty is calculated and charged based on the area of the teak deck.





# References – Teak-Decking

























# **TOOLS AND ACCESSORIES**

# **Tools**

### HO300 & HO600

- · Caulking gun for all adhesives and sealants (MS-polymer, acrylates, silicones)
- Rotary carriage
- Special hardened catch plate
- Double slide bearings for smooth-running function
- For high viscosity dispensing material
- Thrust ratio 17:1
- For cartridges up to 310 ml and sausages up to 600 ml

### **Tikal Joint Tool**

- For perfectly elastic joints
- · No smoothing agent required
- 24 joint shapes







# **FILLER**

# Fast Patch + Fast Patch Light

- Fast Patch is an epoxy repair filler that is very easy to work with, cures to a light gray colour, and is very quick and easy to sand.
- Fast Patch is suitable for all repairs above and underwater.
- Fast Patch does not absorb water and cures rigidly.

| • | Fast Patch Light reduces the |
|---|------------------------------|
|   | weight of the repair –       |
|   | Rest performancel            |

| Technical information   |   |  |
|-------------------------|---|--|
| Shelf life              | 24 months                                     |  |
| Application temperature | 5 °C to 35 °C                                 |  |
| Pot life                | 20 minutes                                    |  |
| Curing time             | 3 to 6 hours, depending on temperature        |  |
| Sandable after          | approx. 6 hours (20°C), the colder the longer |  |
|                         |   |  |





- 480 g can
- 1,8 kg can



# **Cork + Teak Protect**

**Cork + Teak Protect** protects your teak or cork-deck from dirt and stains.

Reduces the slipperiness of wet decks considerably. It's applied thinly and can be walked on after drying.

| Technical information                   |  |  |
|---|--|--|
| Chemical base                           | Acrylic-alkyd resin combination          |  |
| Density                                 | 1,03 kg/l                                |  |
| Shelf life when stored at 5 °C to 25 °C | 24 months                                |  |
| Resistance                              | UV- and weather resistant                |  |
| Colour                                  | Translucent - matt                       |  |
| Consumption                             | 80 to 120 ml/m <sup>2</sup> Not diluted! |  |
| Application temperature                 | 10 °C to 25 °C                           |  |
| Dry at 23 °C/50 % r.F.                  | after approx. 30 minutes                 |  |

### **Available sizes:**

• 750 ml bottle



# Magic Clean – cleans without chemicals

**Magic Clean** is a highly effective cleaning eraser in industrial quality. It easily removes stubborn stains from GRP, windows, inflatable dinghies, fenders, covers, metal, sails, leather and at home.

- No chemicals, no cleaning agents
- No nano-tech, no micro fibres
- Used with fresh water
- just magic!

- 4: Pack of 4 sponges
- 2: Pack of 2 pads + handle



## **National Distributors**



### **EUROPE**



ISLAS BALEARES | BALEARIC ISLANDS MF Nautic ApS. www.mf-nautic.com



BELGIE | BELGIQUE | BELGIUM TIKAL Belgique www.yachtabout.eu



БЪЛГАРИЯ | BULGARIA Watersport Equipment www.watersportsequipment.eu



HRVATSKA | CROATIA Marine Decking Services d.o.o. www.decking-services.eu



KYΠΡΙΑΚΗ ΔΗΜΟΚΡΑΤΙΑ | CYPRUS Ocean Marine Equipment Ltd. www.oceanmarine.com.cy



DANMARK | DENMARK DockYardtrading.com www.dockyardtrading.com



**ENGLAND** Technical Marine Supplies www.technicalmarinesupplies.co.uk



**FRANCE** Tikal France www.yachtabout.eu



EΛΛΑΔΑ | GREECE ANDREOU P.C. www.andreou.gr



ITALIA (SUD) | ITALY (SOUTH) Euromarine Srl. www.euromarine.it



MALTI | MALTA Safe Sea Marine Center www.safeseashop.com



NEDERLAND | NETHERLANDS PolyesterShoppen BV www.polyestershoppen.nl



POLSKA | POLAND Marine Works www.marineworks.eu



ESPAÑA | SPAIN COMERCIAL TECMA www.comercialtecma.com

### MIDDLE EAST



KINGDOM BAHRAIN مملكة البحرين 2000 Marine Stores www.2000marine.com



UNITED ARAB EMIRATES | DUBAI United Trading Company L.L.C. www.unitedtradingcompany.com



SAUDI ARABIA المملكة العربية السعودية Marine Equipment & Services Co. Ltd www.marine.sa



TÜRKİYE | TURKEY MF NAUTIC TURKEY | OKMED LTD.ŞTİ www.mfnauticturkey.com

### **ASIA PACIFIC**



POLYNÉSIE FRANÇAISE | FRENCH POLYNESIA Sarl Marine Supplies www.marinesupplies.fr



MALDIVES נְעפֹׁרָעֵׂמִנֵיׁ צׁ בַּ בַּנֹבּעְמִתּת D Blue Private Limited www.dblue.com.mvr

### **CARIBBEAN**



GUADELOUPE (FRA) Karenshop Guadeloupe SARL www.careneshop.com



MARTINIQUE (FRA) Carene Shop www.careneshop.com

TIKAL MARINE SYSTEMS GMBH Werkstr. 6 · 22844 Norderstedt | Germany

Phone: +49 (0)40/52 63 06 03 info@tikal-online.de · www.tikal-online.de



