TIKAL®
MARINE SYSTEMS

ADHESIVES AND SEALANTS

FILLER

TEAK DECK

MARINE LUBRICANTS

TIKAL TEF GEL

TOOLS & BOAT CARE

2027

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

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 / 24 h
Curingtime	< 2 mm
Practical Elongation	+ / – 25 %
Tensile Strength	2,3 N / mm²
Elongation at break	350 %
Saltwater & weather resistance	Provided
UV-resistant	No

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

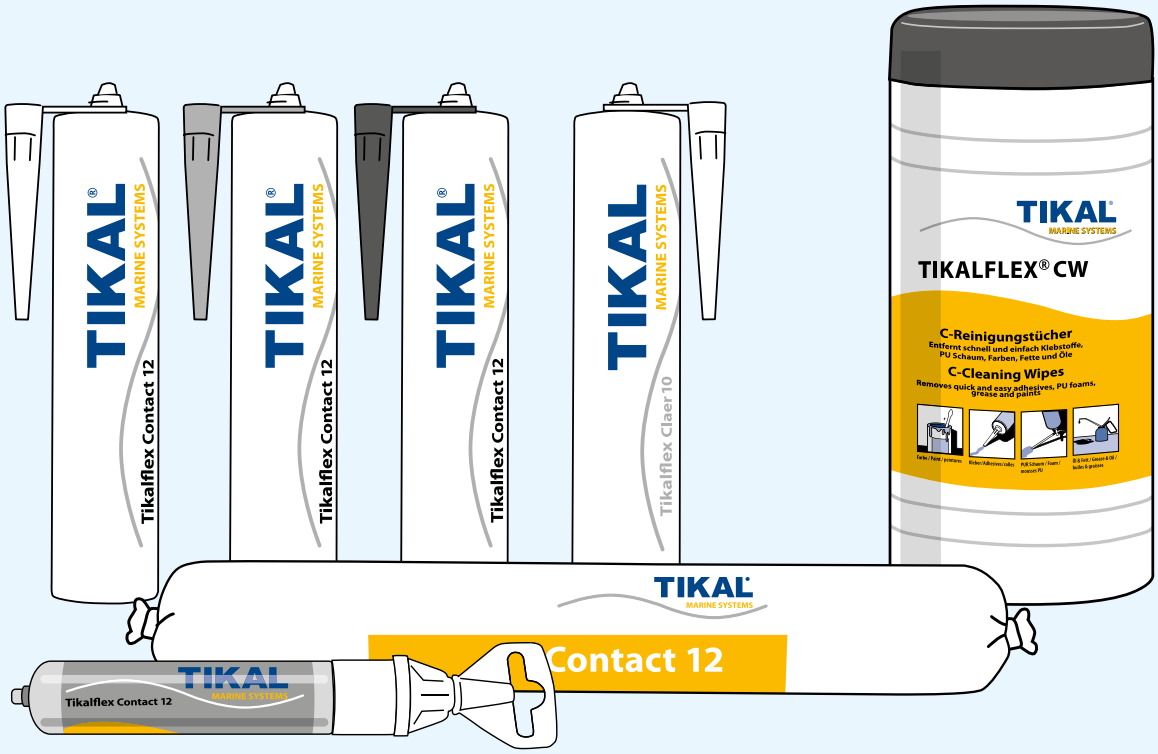
Transparent adhesive for all interior applications.

Available sizes:

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

Tikalflex CW

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

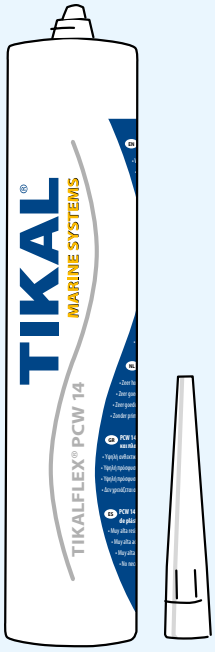


Content:

- 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.	2 mm / 24 h
Temperature resistance	- 40 °C to 180 °C
Tensile strength	1,5 N / mm²
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

Technical information	
Chemical base	SMP Hybrid
Density	1.48 ± 0.05 g/cm³
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 / 24 h
Temperature resistance after curing	- 40 °C to + 90 °C
Sag resistance	Non-sagging
Tensile strength	1,6 N/mm²
Elongation at bBreak	approx. 600 %
Permissible total deformation	20 %
UV-resistant	Yes

Available size:

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

HPMG – High Pressure Marine Grease

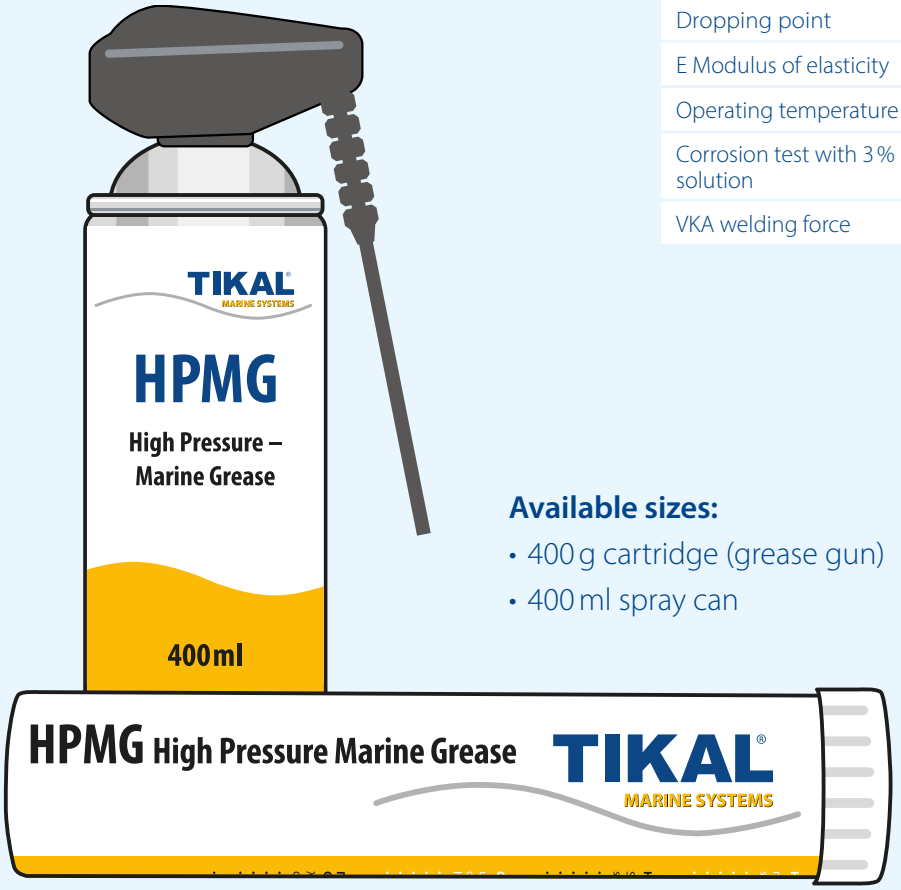
Tikal HPMG is a mineral oil based lubricant with calcium soap and extreme high pressure additives. It provides long-lasting corrosion protection for components in direct contact with seawater. The EP additives form a hydrophobic reaction layer on the metal surface. This prevents corrosion and repels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

Technical information	
Thickener	Calcium soap
Base oil	Mineral oil
Colour / Appearance	Light brown
Type of protective film	Pasty
Durability	5 years
Kin. viscosity base oil 40 °C	approx. 95
Kin. viscosity base oil 100 °C	approx. 8
Walk penetration [1/10 mm]	285 - 310
Dropping point	>100 °C
E Modulus of elasticity	0,57
Operating temperature	-25 °C to 80 °C
Corrosion test with 3 % NaCl solution	0 and 1
VKA welding force	>3000



Available sizes:

- 400 g cartridge (grease gun)
- 400 ml spray can

Tikal Tef-Gel
Anticorrosion – Antiseize

Tikal Tef-Gel which is produced in Germany, is a water-tight, 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.

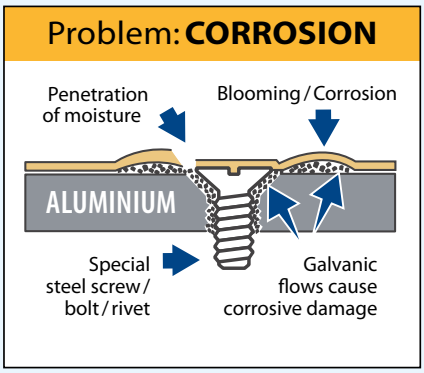
Always use **Tikal Tef-Gel** with your screws, bolts and rivets, and everything can easily be taken apart again after intensive use in seawater. The same applies to the protection of turn-buckles against rusting.

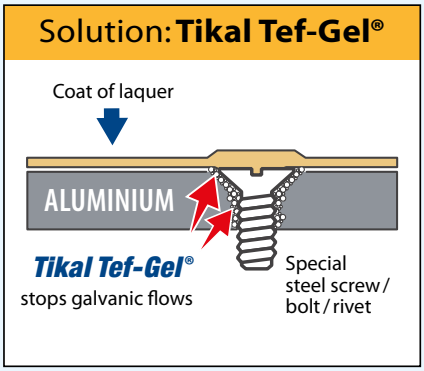
Tikal Tef-Gel is used in the boat industry, automotive industry, in aviation and aerospace and wherever parts have to be protected from corrosion.

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

Available sizes:

- 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.

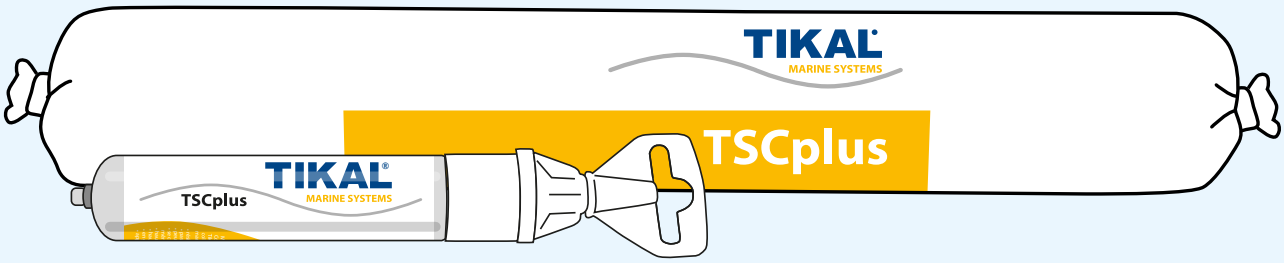
It is non-corrosive, has excellent adhesion to teak, is highly UV-resistant, and very robust against temperature fluctuations, salt water, and many chemicals. TSCplus can be sanded very well, it cannot be painted over.

- 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

Available sizes:

- 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).

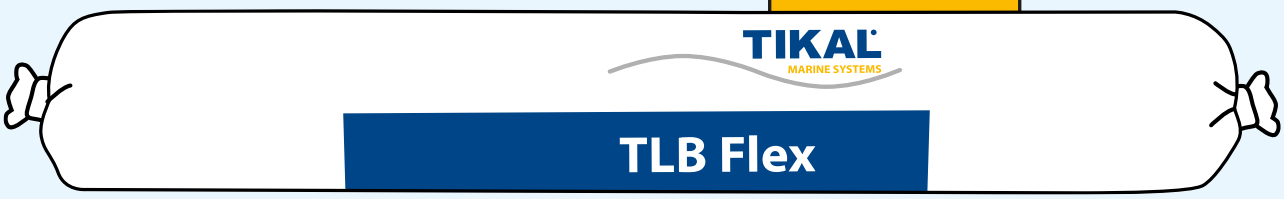
For application with PVC decks it's recommended to use our SynteakActivator as a primer.

- 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

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/mm²
Elongation at break	150 %
Can be loaded after	15 h
Approvals	0497

Available sizes:

- 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:
- 2 x 1,4 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 size:
- 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 GREY.

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

Mylin IV - Refit

Luna - Refit

Al Salamah - Refit

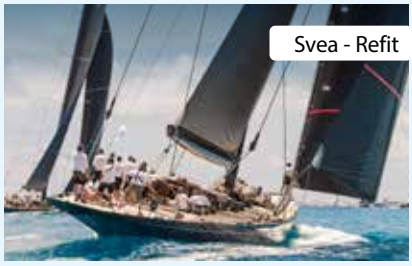
Sailing Yacht A - New build

Skat - Refit

Velsheda - Refit

Vantage - Refit

Vava II - Refit


Svea - Refit

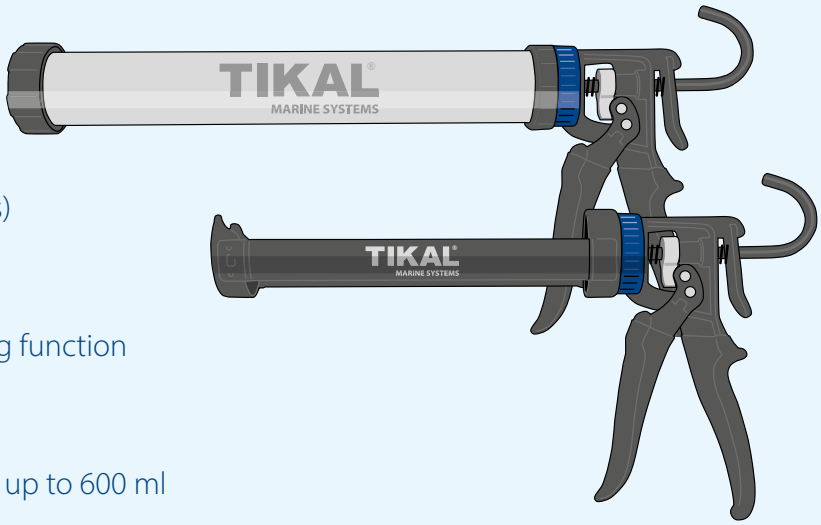
Virginia - Refit

Alexander - Refit

Rainbow - Refit

TOOLS AND ACCESSORIES

Tools

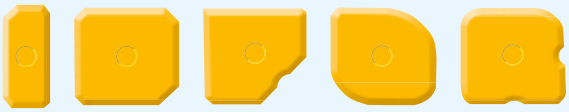


HQ300 & HQ600

- 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

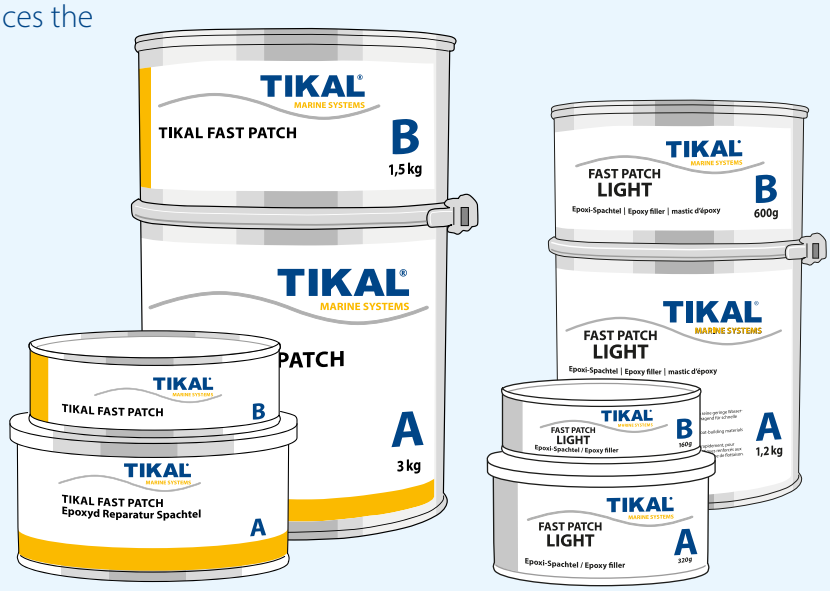
Fast Patch + Fast Patch Light

- **Fast Patch** is an epoxy repair filler that is very easy to work with, cures to a light grey 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 – Best performance!

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

Available sizes:

- 600 g can
- 4,5 kg can



Available sizes:

- 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/m² 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!

Available sizes:

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

4

2

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

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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

ΕΛΛΑΔΑ | 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

NORGE | NORWAY
MBP Fix AS
www.mbpfix.no

POLSKA | POLAND
Marine Works
www.marineworks.eu

ESPAÑA | SPAIN
COMERCIAL TECMA
www.comercialtecma.com

MIDDLE EAST

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

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

المملكة العربية السعودية | SAUDI ARABIA
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