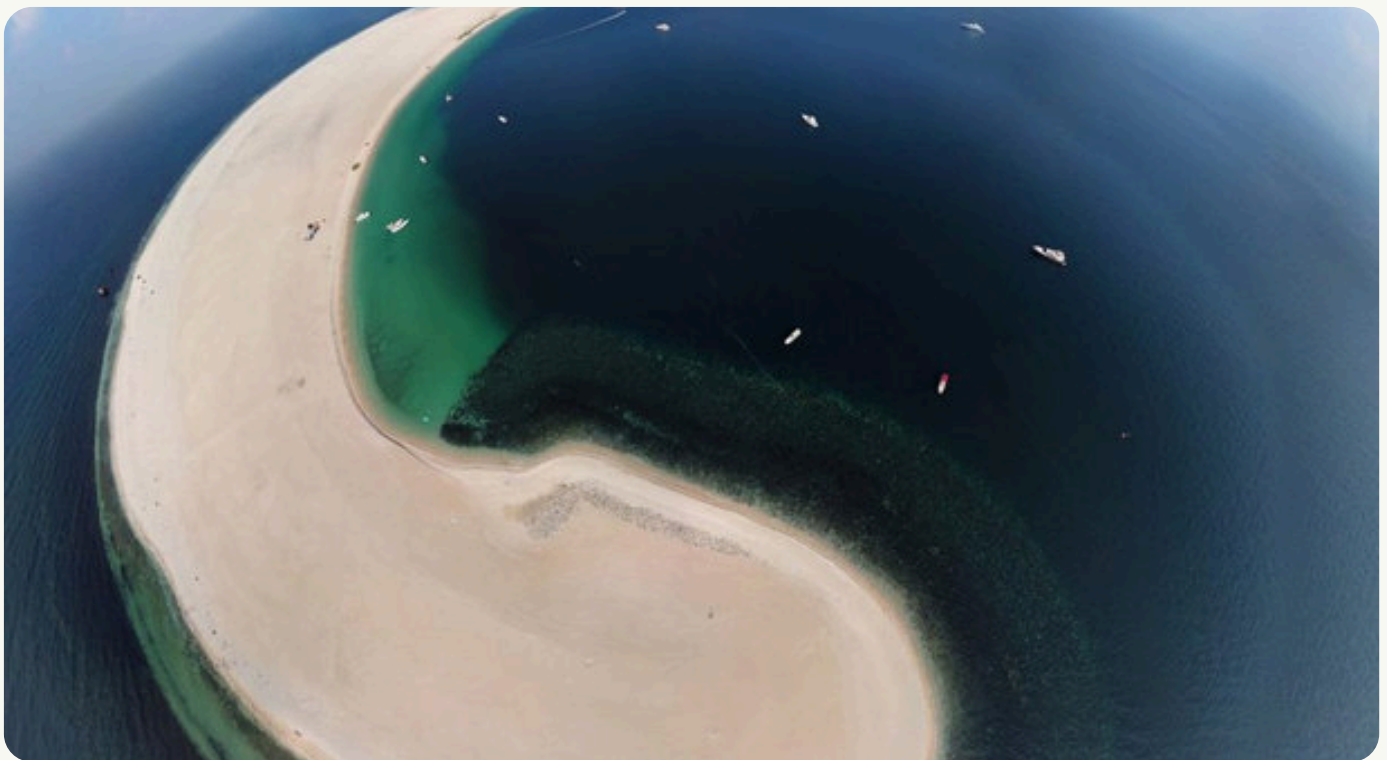


CHAPTER 08

Adhesives, coatings & boat care

NPT • ARMUS • FORESPAR



IN THIS CHAPTER

- NPT SiMP Seal range
- U-Seal & U-Bond adhesives
- Primers, cleaners & activators
- Bonding selection matrix
- Armus Hull Pro coating
- LanoCote & MareLube
- TEF45 dry lubricant
- ReFresh & Tea Tree Power

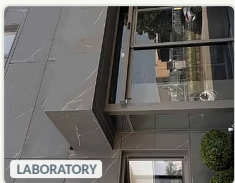
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NPT adhesives & sealants

NEW POLYURETHANE TECHNOLOGIES, ITALY — OVER 30 YEARS OF HIGH-PERFORMANCE MARINE BONDING

FOR OVER 30 YEARS

High-performance adhesives & sealants



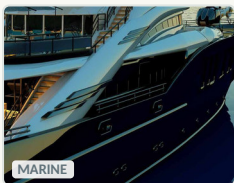
New Polyurethane Technologies, based in Italy, has been developing and producing high-performance adhesives and sealants for over 30 years. From the beginning the goal has been to offer innovative, advanced technological solutions to meet the needs of the global marketplace.

NPT is supported by a research department with modern equipment, the latest analytical tools and pilot plant facilities, and will work with you to develop **tailor-made products** that improve your products and processes in a way that is both user and environmentally friendly.

Detail	NPT S.r.l.
Experience	Over 30 years developing and producing high-performance adhesives and sealants
Ownership	Part of DuluxGroup since 2023, itself part of Nippon Paint Holdings — the top decorative coatings business in Asia-Pacific and the fourth largest globally
Group role	The leading technological centre for SAF within the group
Reach	Customers in over 70 countries, and a valuable partner especially on a private label basis
Manufacturing	Highly automated material handling, drying and mixing systems; workforce committed to safety, product quality and continuous improvement
Production plant	Via G. Rossa, 2 — Loc. Crespellano, 40053 Valsamoggia (BO), Italy · Tel. +39 051 969109
Production, laboratory, research & development	Via Stazione, 10, 27030 Villanova d'Ardenghi (PV), Italy · Tel. +39 0382 815132
Quality management	IMQ certified quality management system · IQNET

PATENTED TECHNOLOGY

Advanced-SiMP silyl modified polymer



NPT's patented **Advanced-SiMP** is the first high-performance silyl-modified polymer adhesive that, as well as being isocyanate and solvent free, has low VOC emissions and superior mechanical properties. This combination allows manufacturers to reduce the use of isocyanates and produce in a more sustainable manner, complying with stringent regulations.

Property	Advanced-SiMP	Property	Advanced-SiMP
Isocyanate content	Isocyanate free	Mechanical properties	Superior
Solvent content	Solvent free	Substrate preparation	Not required for better adhesion
VOC emissions	Low	Cure mechanism	Moisture cure under atmospheric humidity

THE RANGE AT A GLANCE

Product families & technologies



Family	Technology	Principal marine role
SiMP Seal 55 • 60 HV • 630 • 640 • 650 • 680 DC	Silyl modified polymer, one component	Elastic bonding and sealing, glazing, deck caulking
SiMP 2K Fast	Silyl modified polymer, two component	Very fast strength build-up assembly bonding
U-Seal 207 Plus	Polyurethane, one component	Mineral glass bonding and general assembly
U-Bond 301 • U-Bond 305	Polyurethane, one component, moisture curing	Sandwich panel and flexible timber bonding
U-Bond Ultra 2K	Polyurethane, two component structural	Plastic repair, gap filling and structural assembly
Acril-Bond • Meta-Bond • X-Bond	Acrylic and methacrylate, two component	Thin transparent bonds, polyolefins and multi-material repair
G+S Cleaner • Activator 400 NP • U-Primer 130	Surface preparation	Cleaning, activation and priming before bonding
Accelerator	Cure accelerator for SiMP Seal 630	Reduces curing and walkability time on deck installations

SiMP Seal 55 & 60 HV

UNIVERSAL ELASTIC ASSEMBLY AND FAST PRIMERLESS DIRECT GLAZING — SILYL MODIFIED POLYMER

VERSATILE ELASTIC ADHESIVE SEALANT

SiMP Seal 55



a — A high quality and versatile elastic adhesive and sealant, suitable for metals, wood, gelcoat, liquid-coated parts, HPL and panels. It offers a good adhesion spectrum which can be enhanced with activators and primers, and is easy to spread, highly workable and quick drying. Certified according to ISEGA EC Regulation 1935/2004 for food contact, IMO Resolution MSC.307(88) Annex 1 Part 5 and EN 45545-2 R1 & R7.

Property	SiMP Seal 55	Property	SiMP Seal 55
Technology	One-component SiMP, isocyanate and solvent free	Tack-free time	ca. 20 min — NPT method 17
Density	ca. 1,65 g/cm ³	Curing through volume	ca. 3,0 mm in 24 h
Hardness, DIN 53505	ca. 50 Shore A	Application temperature	+5°C to +40°C
Elongation at break	ca. 270% — ISO 37	Service temperature	-40°C to +100°C, brief +120°C
Tensile strength	ca. 2,6 N/mm ² — ISO 37	Colours	Grey, white, black · others on request
Modulus at 100%	ca. 1,8 N/mm ² — ISO 37	Packaging	PE cartridge 290 ml, 12 per box · aluminium bag 400 ml · 600 ml

Marine use: assembly of steel and sheet panels; panels in synthetic fibres, gelcoat and plastics; sandwich elements and laminated panels for partition walls, doors and cladding; indoor metal or plastic assembly; sealing before short-time overpainting. Shelf life 12 months unopened at 5–25°C.

DIRECT GLAZING — PRIMERLESS TO GLASS

SiMP Seal 60 HV



b — A high decking, fast curing, primerless-to-glass flexible and high-performance silyl modified polymer adhesive for direct glazing. It is designed to give a fast and safe drive-away time on craft fitted with airbags in one hour, and is supplied as a **non-sag thixotropic paste** with a short cut-off string. Certified to TÜV crash test: drive-away time 1 hour on craft fitted with both driver and passenger airbags.

Property	SiMP Seal 60 HV	Property	SiMP Seal 60 HV
Technology	One-component SiMP, high viscosity, fast curing	Skin time	ca. 15 min — fastest in the range
Density	ca. 1,44 g/cm ³	Curing through volume	ca. 3,0 mm in 24 h
Hardness, DIN 53505	ca. 62 Shore A	Application temperature	+5°C to +40°C
Elongation at break	ca. 230% — ISO 37	Service temperature	-40°C to +100°C
Tensile strength	ca. 3,0 N/mm ² — ISO 37	Colour	Black
Modulus at 100%	ca. 2,5 N/mm ² — ISO 37	Packaging	PE cartridge 290 ml · foilpack 400 ml · foilpack 600 ml

Direct glazing is a structural bond. Pretreat mineral or organic glass and all non-porous surfaces with U-Primer 130 or Activator 400 NP, and observe the flash-off time before applying the bead. Shelf life 12 months unopened at 10–25°C.

WHERE THEY GO ON BOARD

Nautical applications for 55 & 60 HV



Application	SiMP Seal 55	SiMP Seal 60 HV
Installation of windshield — organic polycarbonate, acrylate or mineral glass	—	Bonding and sealing
Assembly of steel, sheet, synthetic fibre, gelcoat and plastic panels	Bonding and sealing	Bonding and sealing
Sandwich elements and laminated panels for partition walls, doors, cladding	Bonding and sealing	—
Assembly of metal or plastic elements indoors	Bonding and sealing	—
Sealing before short-time overpainting	Sealing	—
Quick-release assembly · IMO certified fire resistance	Fire resistance	Quick release

SiMP Seal 640 & 650

UV-RESISTANT BONDING AND SEALING FOR METALS, PANELS AND COATED SURFACES — OVERPAINTABLE TO 180°C

METALS, PANELS & COATED SURFACES

SiMP Seal 640



a — With SiMP Seal 640 it is possible to bond and seal a wide range of materials: ferrous and non-ferrous metals, wood, gelcoat, galvanised parts and panels in general. It also bonds and seals PMMA, polycarbonate, and liquid- and powder-coated materials, with a wide adhesion spectrum. UV resistant. Available in black, white and grey. Certified according to **IMO Resolution MSC.307(88) Annex 1, parts 2 & 5**.

Property	SiMP Seal 640	Property	SiMP Seal 640
Technology	One-component SiMP adhesive sealant, high modulus	Curing through volume	ca. 2,1 mm in 24 h
Density	ca. 1,53 g/cm³	Application temperature	+5°C to +40°C
Hardness, DIN 53505	ca. 55 Shore A	Service temperature	-40°C to +90°C
Elongation at break	ca. 300% — ISO 37	Overpainting	Resists overpainting at 180°C
Tensile strength	ca. 2,1 N/mm² — ISO 37	Colours	White, grey, black
Modulus at 100%	ca. 1,3 N/mm² — ISO 37	Packaging	PE cartridge 290 ml, 12 per box · aluminium bag 600 ml, 20 per box · 400 ml, 12 per box on request · metal drum 20 l, 30 kg net

Sealing between metal and plastics exposed to UV, without discoloration, is the defining application of SiMP Seal 640 and 650.

LONG-LASTING BONDING & SEALING

SiMP Seal 650



b — SiMP Seal 650 grants long-lasting bonding and sealing for metals, wood, gelcoat, painted parts, HPL, various panels and liquid-coated materials. It offers a wide adhesion spectrum which can be enhanced with activators and primers, high UV resistance, excellent viscosity and rapid load build-up. It is the **highest-elongation** product in the SiMP Seal range.

Property	SiMP Seal 650	Property	SiMP Seal 650
Technology	One-component SiMP universal elastic adhesive sealant	Skin time	ca. 20 min — NPT method 17
Density	ca. 1,49 g/cm³	Curing through volume	ca. 2,7 mm in 24 h
Hardness, DIN 53505	ca. 55 Shore A	Application temperature	+5°C to +40°C
Elongation at break	ca. 350% — ISO 37	Service temperature	-40°C to +100°C, +180°C short term
Tensile strength	ca. 2,8 N/mm² — ISO 37	Colours	White, grey, black · others on request
Modulus at 100%	ca. 1,5 N/mm² — ISO 37	Packaging	PE cartridge 290 ml, 12 per box · foilpack 400 ml, 12 per box · foilpack 600 ml, 20 per box

Certified according to the EUROFINS IAC GOLD protocol, ISEGA EC Regulation 1935/2004 for food contact and IMO Resolution MSC.307(88) Annex 1 Part 5. Shelf life 12 months unopened at 10-25°C.

640 OR 650

Choosing between the two universal grades



Decision point	SiMP Seal 640	SiMP Seal 650
Joint movement	300% elongation	350% elongation — the more forgiving joint
Bond strength	2,1 N/mm²	2,8 N/mm² — the stronger bond
Sustained heat	Service to +90°C	Service to +100°C, +180°C short term
Certification	IMO Annex 1 parts 2 and 5	IMO Annex 1 Part 5 · ISEGA EC 1935/2004 food contact · EUROFINS IAC GOLD
Bulk supply	20 l metal drum, 30 kg net	Cartridge and foilpack only
Shared applications	Both are specified for sealing between metal and plastics exposed to UV without discoloration; sealing before short-time overpainting; sealing resistant to high temperature overpainting at 180°C; assembly of steel, sheet, synthetic fibre, gelcoat and plastic panels; and sandwich elements	

The teak deck system — 630, 680 DC & Accelerator

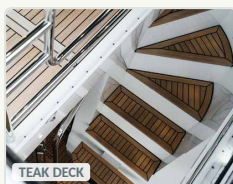
BOND WITH SiMP SEAL 630, CAULK THE SEAMS WITH SiMP SEAL 680 DC, ACCELERATE WITH NPT ACCELERATOR

TEAK, CORK & SANDWICH PANELS

SiMP Seal 630



630 FOILPACK



TEAK DECK

a — A one-component adhesive specifically designed for bonding teak, cork or other deck substrates, or for manufacturing sandwich panels. It adheres to a wide range of surfaces such as gelcoat, aluminium, fibreglass and steel. Easy to spread, it maintains the vertical profile of the trowel application and remains elastic over time. Curing and walkability times can be reduced using the NPT Accelerator.

Property	SiMP Seal 630	Property	SiMP Seal 630
Technology	One-component SiMP deck adhesive and sealant	Skin time	ca. 30 min
Density	ca. 1,60 g/cm ³	Curing through volume	ca. 2,5 mm in 24 h
Hardness, DIN 53505	ca. 45 Shore A — softest in the range	Application temperature	+5°C to +40°C
Elongation at break	ca. 340% — ISO 37	Temperature resistance	-40°C to +100°C
Tensile strength	ca. 1,5 N/mm ² — ISO 37	Colours	White, black, grey RAL 7040 · others on request
Modulus at 100%	ca. 1,1 N/mm ² — low modulus	Packaging	Foilpack 600 ml, 20 per box · 32 kg hobbock

Certified to ISEGA EC 1935/2004 for food contact and IMO MSC.307(88) Annex 1 Part 5. Also specified for sound absorption, cavity filling and vibration reduction. Shelf life 12 months unopened at 10–25°C.

TRADITIONAL TIMBER DECK CAULKING

SiMP Seal 680 DC



680 DC FOILPACK



ACCELERATOR

b — A watertight, saltwater- and UV-resistant one-component, low viscosity paste joint sealant for traditional marine timber decking. It cures under atmospheric moisture to form a caulk with excellent weather and salt or fresh water resistance and UV stability. **Bubble-free curing** suits humid wood or teak, and it can be sanded after curing without staining. Solvent and isocyanate free.

Property	SiMP Seal 680 DC	Property	SiMP Seal 680 DC
Technology	One-component SiMP low viscosity paste joint sealant	Skin time	ca. 25 min — NPT method 17
Density	ca. 1,40 g/cm ³	Curing through volume	ca. 2,5 mm in 24 h
Hardness, DIN 53505	ca. 48 Shore A	Application temperature	+5°C to +35°C — narrower window
Elongation at break	ca. 200% — ISO 37	Service temperature	-40°C to +100°C, permanently flexible
Tensile strength	ca. 3,0 N/mm ² — ISO 37	Colours	Grey, black
Modulus at 100%	ca. 1,8 N/mm ² — ISO 37	Packaging	Foilpack 600 ml, 20 per box

Certified according to IMO Resolution MSC.307(88) Annex 1 Part 5, protocollo EMICODE EC1PLUS and protocollo EUROFINs IAC GOLD. Published by NPT as SiMP-Seal Teak 680. Shelf life 12 months unopened at 10–25°C.

BUILD SEQUENCE

Laying and caulking a teak or cork deck



Step	Operation	Product and working data
1	Prepare the substrate	Gelcoat, aluminium, fibreglass or steel — clean with G+S Cleaner; SiMP does not require preparation for adhesion, but non-porous surfaces benefit from Activator 400 NP
2	Trowel the bed	SiMP Seal 630 from the 600 ml foilpack or 32 kg hobbock; the notched profile holds its vertical shape. Skin time ca. 30 min — lay the slats within it
3	Accelerate if required	c — NPT Accelerator added to SiMP Seal 630 reduces curing and walkability times, so a laid deck can be worked on sooner
4	Caulk the seams	SiMP Seal 680 DC from the 600 ml foilpack; bubble-free cure means humid wood or teak is not a problem. Skin time ca. 25 min, cure ca. 2,5 mm in 24 h
5	Sand and finish	680 DC can be sanded after curing without staining the timber; watertight, UV stable and permanently flexible from -40°C to +100°C

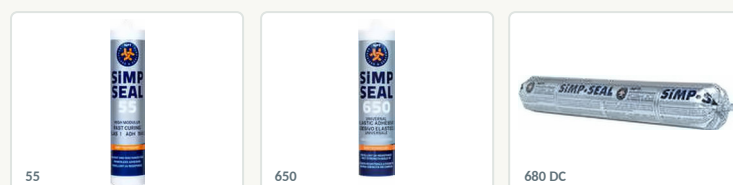
SiMP Seal 680 DC has a narrower application window than the rest of the range — +5°C to +35°C. On a hot deck in direct sun the substrate can exceed this even when the air does not; work the seams early in the day.

SiMP Seal range — comparison & ordering

EVERY MECHANICAL PROPERTY SIDE BY SIDE, THEN THE PACK SIZES TO ORDER AGAINST

SPECIFY ON THE NUMBERS

Mechanical & cure properties compared



Read the table down the column of the property that governs the joint.

Elongation governs how much movement the joint can take; **Shore A** and **modulus** govern how stiff the finished bond is; **skin time** governs how long you have to close and tool the joint. Values are typical, measured at 23°C and 50% relative humidity to ISO 37 / DIN 53504 for the mechanical figures and DIN 53505 for hardness.

Property	55	60 HV	630	640	650	680 DC
Density, g/cm ³	1,65	1,44	1,60	1,53	1,49	1,40
Hardness, Shore A	50	62	45	55	55	48
Elongation, %	270	230	340	300	350	200
Tensile, N/mm ²	2,6	3,0	1,5	2,1	2,8	3,0
Modulus 100%, N/mm ²	1,8	2,5	1,1	1,3	1,5	1,8
Skin time, min	20	15	30	—	20	25
Cure, mm/24 h	3,0	3,0	2,5	2,1	2,7	2,5
Application, °C	+5/+40	+5/+40	+5/+40	+5/+40	+5/+40	+5/+35
Service, °C	-40/+100	-40/+100	-40/+100	-40/+90	-40/+100	-40/+100
Peak, °C	+120	—	—	+180	+180	—

PACK SIZES & COLOURS

NPT marine ordering table



Product	Colours	Cartridge	Foilpack / bag / bottle	Bulk
SiMP Seal 55	Grey, white, black · others on request	PE 290 ml, 12 per box	Aluminium 400 ml · aluminium 600 ml	—
SiMP Seal 60 HV	Black	PE 290 ml	400 ml · 600 ml	—
SiMP Seal 630	White, black, grey RAL 7040 · others on request	—	600 ml, 20 per box	32 kg hobbock
SiMP Seal 640	White, grey, black	PE 290 ml, 12 per box	Aluminium 600 ml, 20 per box · 400 ml, 12 per box on request	Metal drum 20 l, 30 kg net
SiMP Seal 650	White, grey, black · others on request	PE 290 ml, 12 per box	400 ml, 12 per box · 600 ml, 20 per box	—
SiMP Seal 680 DC	Grey, black	—	600 ml, 20 per box	—
SiMP 2K Fast	Grey	Side-by-side 400 ml, 15 per box	—	—
U-Seal 207 Plus	Black	Aluminium 310 ml, 12 per box	Aluminium 400 ml, 12 per box · 600 ml, 20 per box	—
U-Bond 301	Amber translucent liquid	—	500 g bottle, 12 per box · 1 kg bottle, 12 per box	320 kg drum · 1 t IBC
U-Bond 305	Beige	PE 310 ml, 12 per box	—	200 l drum
Activator 400 NP	Transparent liquid	—	Aluminium bottle 250 ml, 12 per box · 1000 ml, 12 per box	—
U-Primer 130	Black liquid	—	30 ml, 25 per box · 250 ml, 12 per box · 1 l, 8 per box	—

Shelf life is 12 months in the original unopened container stored between 10°C and 25°C for the whole range; SiMP Seal 55 is rated 5–25°C. Rotate stock and check the batch date before a large lay-up.

STORAGE & HANDLING

Getting the shelf life you paid for



Point	Requirement
Storage temperature	10°C to 25°C in the original unopened container — SiMP Seal 55 is rated 5°C to 25°C
Shelf life	12 months across the range, including Activator 400 NP and U-Primer 130
Application window	+5°C to +40°C for the range; +5°C to +35°C for SiMP Seal 680 DC and Activator 400 NP; +10°C to +35°C for U-Primer 130
Cure conditions	Cure figures are quoted at 23°C and 50% relative humidity

U-Seal & U-Bond polyurethane adhesives

MINERAL GLASS BONDING, SANDWICH PANEL ASSEMBLY AND VERTICAL PASTE BONDING TO EN 204 D4

MINERAL GLASS & GENERAL ASSEMBLY

U-Seal 207 Plus

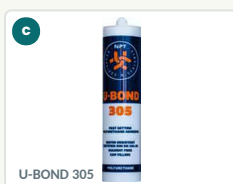
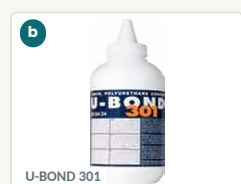


a — A one-component, flexible and high-performance polyurethane adhesive with a long open time for mineral glass bonding and general assembly. Resistant to UV radiation, weathering and ageing. It is the **strongest** single-component adhesive in the NPT marine range, at 7,5 N/mm² tensile and 500% elongation.

Property	U-Seal 207 Plus	Property	U-Seal 207 Plus
Technology	One-component polyurethane, flexible, high performance	Tack-free time	ca. 35 min — longest open time in the range
Density	1,31 ± 0,02 g/cc	Curing through volume	3 mm in 24 h
Hardness, DIN 53505	ca. 63 Shore A — hardest in the range	Application temperature	+5°C to +40°C
Elongation at break	≥ 500% — ISO 37	Service temperature	-40°C to +100°C, short periods to +140°C
Tensile strength	≥ 7,5 N/mm ² — ISO 37	Colour	Black
Pretreatment	U-Primer 130 or Activator 400 NP on non-porous surfaces	Packaging	Aluminium cartridge 310 ml · aluminium bag 400 ml and 600 ml

SANDWICH PANELS & TIMBER

U-Bond 301 & U-Bond 305



U-Bond 301 is the liquid grade for sandwich panel assembly; U-Bond 305 is the thixotropic paste for vertical work without dripping. Both are solvent-free, moisture-curing polyurethanes with excellent resistance to water, temperature, weathering and ageing in accordance with **EN 204 D4**.

	Property	U-Bond 301	U-Bond 305
b c	Form	Solvent-free moisture-curing liquid	Solvent-free non-sag thixotropic paste
	Colour & density	Amber translucent · ca. 1,13 g/cm ³	Beige · ca. 1,45 g/cm ³
	Viscosity	ca. 6000 mPa·s at 23°C	Non-sag paste — no dripping on vertical work
	Film formation time	ca. 20 min	ca. 8 min · ca. 4 min with water spray
	Pressing / setting	Pressing ca. 60 min at ca. 1,0 N/mm ²	—
	Temperature	+5 to +40°C · service -40 to +100°C	+5 to +40°C · service -40 to +100°C
	Substrates	Wood, wood derivatives, protection and insulation materials	Wood, wood-based products and construction materials
	Packaging	500 g and 1 kg bottles, 12 per box · 320 kg drum · 1 t IBC	PE cartridge 310 ml, 12 per box · 200 l drum
	Certified / compliant to	EN 204 D4 · IMO MSC.307(88) Annex 1 Part 5	EN 204 D4

EN 204 D4 is the top durability class for wood adhesives — exterior joints fully exposed to weather. Shelf life 12 months unopened at 10–25°C.

WHERE THE POLYURETHANES GO

Nautical applications for U-Seal & U-Bond



Application	Product	Role
Installation of windshield and mineral glass	U-Seal 207 Plus — SiMP Seal 60 HV and 650 are the SiMP alternatives	Bonding and sealing
Sandwich elements and laminated panels	U-Bond 301 · U-Bond 305	Bonding
Assembly of metal or plastic elements indoors · quick-release assembly	U-Bond 305	Bonding
Applications with IMO certified fire resistance	U-Bond 301	Bonding
Pretreatment on glass or non-porous material	U-Primer 130 · Activator 400 NP	Preparation

Two-component structural adhesives

SIMP 2K FAST · U-BOND ULTRA 2K · ACRIL-BOND · META-BOND · X-BOND — WHEN THE JOB CANNOT WAIT

HIGH TENSILE STRENGTH IN 60 MINUTES

SiMP 2K Fast



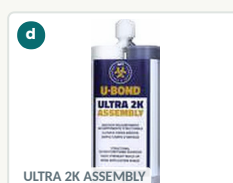
a — A very fast strength build-up two-part silyl modified polymer elastic assembly adhesive. Once mixed it cures to form a high-performance adhesive achieving high tensile strength in just 60 minutes. Solvent and isocyanate free, odourless. It does not sag or run, has a very wide primerless adhesion range, and resists high mechanical and dynamic stress.

Property	SiMP 2K Fast	Property	SiMP 2K Fast
Technology	Two-part SiMP elastic assembly adhesive	Hardness	ca. 48 Shore A
Pot life	ca. 4 min at 23°C, 50% RH	Elongation at break	ca. 150%
Handling strength	ca. 20 min at 23°C, 50% RH	Tensile strength	ca. 3 N/mm ²
Full tensile strength	60 min after mixing	Elastic modulus	ca. 2 N/mm ²
Application temperature	+5°C to +40°C	Service temperature	−40°C to +90°C
Colour	Grey	Packaging	Side-by-side cartridge 400 ml, 15 per box · shelf life 12 months at 10–25°C

Marine use: fixing of brackets to support panels, insulation, metal and synthetic pins; extremely fast setting and complete polymerization assembly.

PLASTIC REPAIR & STRUCTURAL ASSEMBLY

U-Bond Ultra 2K

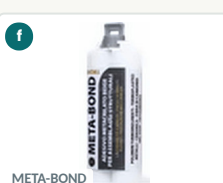
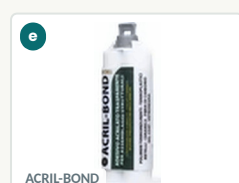


Two-component polyurethane structural adhesives in side-by-side cartridges with static mixer nozzles. Choose by pot life: 1' where the part can be closed immediately, 5' where the joint needs positioning.

	Product	Technology	Application
b c	U-Bond Ultra 2K 1&5 min.	Two-component polyurethane structural adhesive; available 1' or 5' pot life version	Plastic repair — bonding and gap filling in all plastic materials; ideal for external parts and for the treatment of scratches, holes and unions
d	U-Bond Ultra 2K Assembly	Thixotropic two-component polyurethane structural adhesive	Repair and assembly bonding between a wide range of materials like thermosetting polymers, thermoplastics, steel, aluminium and glass; very fast room-temperature curing

ACRYLIC & METHACRYLATE

Acril-Bond, Meta-Bond & X-Bond



Acrylic for thin transparent bonds, methacrylate for thixotropic multi-material work. Both cure fast at room temperature and are overpaintable. Acril-Bond, Meta-Bond and X-Bond are the specified products for bonding and repair on **polyolefins and plastics**.

	Product	Technology	Application
e	Acril-Bond	Two-component acrylic adhesive for thin, transparent bonds	Ideal for plastics, metals, glass, ceramics, carbon fibre, fibreglass and painted surfaces; cures quickly at room temperature, provides excellent strength and is overpaintable
f	Meta-Bond	Two-component thixotropic methacrylate adhesive	Bonding diverse materials including metals, plastics, ceramics, carbon fibre, fibreglass and painted surfaces; fast-curing, strong and overpaintable once fully set
	X-Bond	Specified alongside Acril-Bond and Meta-Bond	Bonding and repair on polyolefins and plastics

Two-component adhesives begin to cure the moment the components meet in the mixer nozzle. Fit a fresh nozzle for every application, dispense a short purge bead before the joint, and do not attempt to re-open a joint after the pot life has elapsed — 4 minutes for SiMP 2K Fast, 1 or 5 minutes for U-Bond Ultra 2K.

Surface preparation — clean, activate, prime

G+S CLEANER · ACTIVATOR 400 NP · U-PRIMER 130 — THE THREE STEPS THAT DECIDE WHETHER THE BOND LASTS

CLEANING, ACTIVATION & PRIMING

G+S Cleaner, Activator 400 NP & U-Primer 130



Substrate preparation is the difference between a bond that lasts a season and a bond that lasts the life of the vessel. Clean first, then activate or prime the non-porous surfaces, then bond within the open time.

	Product	What it is	Where it is used
a	G+S Cleaner	Water-based active foam cleaning agent that removes dirt without leaving marks before application of NPT adhesives and sealants; the foaming action shows up the soiled areas	Cleaning and pre-treatment of glass, windshields and non-porous materials, ceramic-coated glass, metals, ceramics, painted surfaces and plastics; also effective as a smoothing agent on newly applied sealant surfaces leaving no traces, as a cut-out lubricant, and as a dry cleaner for all surfaces
b	Activator 400 NP	Activating agent formulated for the pretreatment of substrates such as plastics, metals and glass to improve adhesion of U-Seal and SiMP Seal adhesives	Plastics, fibreglass and other synthetic non-porous materials; painted surfaces and coatings including epoxy and polyester painted sheet steel; steel, stainless steel, aluminium, copper, electrogalvanized steel; float glass and ceramic coated (frit) glass
c d	U-Primer 130	Adhesion promoting black primer, two-in-one, designed for laminated ceramic frit and all non-porous materials	Marine industrial assembly — painted surfaces, FRP, plastics, glass, aluminium and metals

WORKING DATA

Flash-off, coverage & pack sizes



Property	Activator 400 NP	U-Primer 130
Appearance & colour	Liquid · transparent	Liquid free from lumps · black
Density	ca. 0,7 g/cm ³	0,95 ± 0,02 g/cc
Flash-off time	Minimum 10 minutes at 23°C and 50% RH	Approx. 3 minutes applied with felt — the film should be touch-free
Maximum standing time before bonding	2 hours — reactivate beyond this	24 hours — reactivate the primer beyond this
Application temperature	+5°C to +35°C	+10°C to +35°C
Coverage	ca. 40 ml/m ²	About 150 g/m ²
Packaging	Aluminium bottle 250 ml, 12 per box · aluminium bottle 1000 ml, 12 per box	30 ml, 25 bottles per box · 250 ml, 12 bottles per box · 1 l, 8 bottles per box
Shelf life	12 months unopened, 10–25°C	12 months in the original packing at 10–25°C

Pretreatment of mineral or organic glass surfaces and non-porous materials in general: U-Primer 130 or Activator 400 NP. Apply with a clean felt or applicator, never with a shop rag.

PROCEDURE

The four-step preparation sequence



Step	Operation	Product and working window
1	Clean	G+S Cleaner — spray on, wipe off; fast drying and residue free. Works on glass, ceramic-coated glass, metals, ceramics, painted surfaces and plastics
2	Activate non-porous surfaces	Activator 400 NP — flash off for at least 10 minutes; bond within 2 hours or reactivate. Coverage ca. 40 ml/m ²
3	Prime frit and non-porous materials	U-Primer 130 — apply with felt, flash off approx. 3 minutes to a touch-free film; bond within 24 hours or reactivate. Coverage about 150 g/m ²
4	Bond within the skin time	Close and tool the joint before the adhesive skins — 15 min for SiMP Seal 60 HV, 20 min for 55 and 650, 25 min for 680 DC, 30 min for 630, 35 min for U-Seal 207 Plus

Advanced-SiMP does not need substrate preparation for better adhesion; preparation is nonetheless specified for glass, frit and all non-porous substrates, and wherever the joint carries structural load.

Certification & technology selection

THE APPROVALS HELD ACROSS THE NPT MARINE RANGE, AND HOW TO CHOOSE BETWEEN SiMP AND POLYURETHANE

APPROVALS

Certification summary across the range



The marks carried on the NPT marine range: the IMO ship's wheel for fire test procedures under MSC.307(88), and ISEGA product safety for food contact under EC Regulation 1935/2004. Emission marks — EUROFINS Indoor Air Comfort GOLD and EMICODE EC1PLUS — are listed per product below.

Product	IMO MSC.307(88)	Food contact	Emissions	Other
SiMP Seal 55	Annex 1 Part 5	ISEGA EC 1935/2004	—	EN 45545-2 R1 & R7
SiMP Seal 60 HV	—	—	—	TÜV crash test, 1 h drive-away time
SiMP Seal 630	Annex 1 Part 5	ISEGA EC 1935/2004	—	—
SiMP Seal 640	Annex 1 Parts 2 & 5	—	—	—
SiMP Seal 650	Annex 1 Part 5	ISEGA EC 1935/2004	EUROFINS IAC GOLD	—
SiMP Seal 680 DC	Annex 1 Part 5	—	EMICODE EC1PLUS · EUROFINS IAC GOLD	—
SiMP 2K Fast	—	—	—	Solvent and isocyanate free, odourless
U-Seal 207 Plus	—	—	—	3 h drive-away time · OEM approved
U-Bond 301	Annex 1 Part 5	—	—	EN 204 D4
U-Bond 305	—	—	—	EN 204 D4

IMO Resolution MSC.307(88) is the international code for application of fire test procedures; products certified to Annex 1 Part 5 are approved for surface flammability, and SiMP Seal 640 additionally to Part 2. Applications requiring IMO-certified fire resistance are served by SiMP Seal 55, 630, 640, 650, 680 DC and U-Bond 301.

WHAT EACH APPROVAL MEANS

Reading the certification table



Approval	What it covers, and when to specify against it
IMO Resolution MSC.307(88) Annex 1 Part 5	International code for application of fire test procedures — surface flammability. Required wherever the vessel must show certified fire resistance for the materials used in the fit-out. SiMP Seal 640 additionally holds Annex 1 Part 2
ISEGA EC Regulation 1935/2004	Materials and articles intended to come into contact with food — specify in galleys, pantries and food preparation areas
EUROFINS Indoor Air Comfort GOLD	Very low emission into indoor air — held by SiMP Seal 650 and 680 DC; specify in cabins and enclosed accommodation. SiMP Seal 680 DC also holds EMICODE EC1PLUS
EN 204 D4	Top durability class for wood adhesives — exterior joints fully exposed to weather. Held by U-Bond 301 and U-Bond 305
TÜV crash test · OEM approved	Direct glazing drive-away time on craft fitted with both driver and passenger airbags — 1 hour for SiMP Seal 60 HV, 3 hours for U-Seal 207 Plus
EN 45545-2 R1 & R7	Fire behaviour requirement sets for materials, held by SiMP Seal 55

CHOOSING THE TECHNOLOGY

SiMP Seal or polyurethane



Consideration	SiMP Seal — silyl modified polymer	U-Seal / U-Bond — polyurethane
Chemistry	Isocyanate and solvent free, low VOC, superior mechanical properties	One- and two-component polyurethane; U-Bond 301 and 305 are solvent free
Substrate preparation	Advanced-SiMP needs none for better adhesion	Pretreat non-porous surfaces with U-Primer 130 or Activator 400 NP
Strength ceiling	Up to ca. 3,0 N/mm ² tensile (60 HV, 680 DC)	U-Seal 207 Plus reaches ≥ 7,5 N/mm ² tensile at ≥ 500% elongation
UV exposure	640 and 650 seal UV-exposed joints without discoloration; 680 DC is UV stable	U-Seal 207 Plus resists UV radiation, weathering and ageing
Overpainting	55, 640 and 650 seal before short-time overpainting; 640 and 650 resist overpainting at 180°C	—
Glazing drive-away time	SiMP Seal 60 HV — 1 hour	U-Seal 207 Plus — 3 hours
Timber decks · sandwich panels	630 to bond a deck, 680 DC to caulk it, Accelerator to shorten walkability; 630 and 55 for sandwich panels	U-Bond 301 liquid and U-Bond 305 thixotropic paste, both to EN 204 D4
Fast structural assembly	SiMP 2K Fast — handling strength in 20 min, high tensile strength in 60 min	U-Bond Ultra 2K, 1' or 5' pot life, and 2K Assembly

Nautical applications – selection matrix

READ THE JOB DOWN THE LEFT, THEN TAKE THE BONDING AND SEALING PRODUCTS FROM THE RIGHT

GLAZING, PREPARATION & PANEL ASSEMBLY

Bonding & sealing selector



Where two or more products are listed, either may be specified — choose on viscosity, open time and colour. SiMP nn denotes SiMP Seal nn.

Application	Bonding	Sealing
Installation of windshield and organic polycarbonate or acrylate glass	SiMP 60 HV · SiMP 650	SiMP 60 HV · SiMP 650
Installation of windshield and mineral glass	U-Seal 207 Plus · SiMP 60 HV · SiMP 650	U-Seal 207 Plus · SiMP 60 HV · SiMP 650
Surface treatment, finishing, maintenance care	G+S Cleaner	G+S Cleaner
Cleaning and pre-treatment of glass, windshield and non-porous materials	G+S Cleaner	G+S Cleaner
Pretreatment of mineral or organic glass surfaces and non-porous materials in general	U-Primer 130 · Activator 400 NP	U-Primer 130 · Activator 400 NP
Assembly of steel and sheet panels	SiMP 55 · SiMP 650 · SiMP 640 · SiMP 60 HV · SiMP 630	SiMP 55 · SiMP 650 · SiMP 640 · SiMP 60 HV
Assembly of panels in synthetic fibres, gelcoat, plastic materials	SiMP 55 · SiMP 650 · SiMP 640 · SiMP 60 HV · SiMP 630	SiMP 55 · SiMP 650 · SiMP 640 · SiMP 60 HV
Production of sandwich elements and laminated panels for partition walls, doors and cladding panels	U-Bond 301 · SiMP 55 · SiMP 650 · SiMP 640 · SiMP 630 · U-Bond 305	SiMP 55 · SiMP 650 · SiMP 640
Assembly of metal or plastic elements indoors	SiMP 55 · SiMP 650 · SiMP 630 · U-Bond 305	SiMP 55 · SiMP 650 · SiMP 640

SEALING, DECKS, FIRE & FAST ASSEMBLY

Bonding & sealing selector, continued



Application	Bonding	Sealing
Sealing between metal and plastics exposed to UV, without discoloration	—	SiMP 650 · SiMP 640
Sealing before short-time overpainting	—	SiMP 55 · SiMP 650 · SiMP 640
Sealing resistant to high temperatures overpainting (180°C)	—	SiMP 650 · SiMP 640
Bonding and repair on polyolefins and plastics	Acril-Bond · Meta-Bond · X-Bond	—
Sound-absorbing applications, cavity filling, sound and vibration reduction	SiMP 630	SiMP 630
Extremely fast setting and complete polymerization assembly	SiMP 2K Fast · U-Bond Ultra 2K 1&5 min. · U-Bond Ultra 2K Assembly · Acril-Bond · Meta-Bond	—
Applications with IMO certified fire resistance	SiMP 55 · SiMP 650 · U-Bond 301 · SiMP 630 · SiMP 640 · SiMP 680 DC	SiMP 55 · SiMP 650 · SiMP 640 · SiMP 680 DC
Installation, repair and refabrication of natural and synthetic teak or cork ship decks	SiMP 630	SiMP 680 DC
Quick-release assembly for fast handling	SiMP 630 · SiMP 60 HV · U-Bond 305 · Accelerator	—
Fixing of brackets to support panels, insulation, metal and synthetic pins	SiMP 2K Fast · U-Bond Ultra 2K 1&5 min. · U-Bond Ultra 2K Assembly	—

Legend: SiMP nn = SiMP Seal nn, silyl modified polymer · U-Seal, U-Bond and U-Bond Ultra are polyurethane · Acril-Bond, Meta-Bond and X-Bond are acrylic and methacrylate technologies. SiMP Seal 630 curing and walkability times can be reduced with the NPT Accelerator.

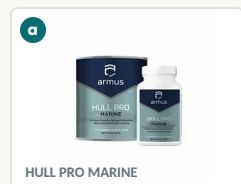
Custom Marine supplies the NPT marine range from Dubai with technical data sheets and application support for yards and refit contractors — 800BOATS.

Armus Hull Pro

A CERAMICIZED EPOXY CLEAR PERFORMANCE COATING FOR BELOW THE WATERLINE — GIVE YOUR HULL ITS ARMOR

THE NEXT GENERATION OF MARINE COATINGS

Clear bottom coating



Armus Hull Pro is the next generation of marine coatings, engineered for superior protection and performance. Designed as a clear bottom coating, it enhances speed, reduces fuel consumption and provides long-lasting, multi-seasonal durability. Make end-of-season cleaning easier, protect against hull blistering and osmosis, and stop sacrificing performance.

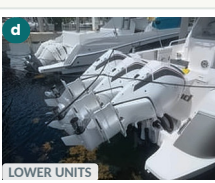
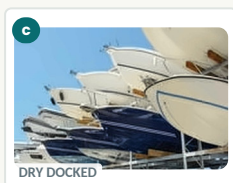
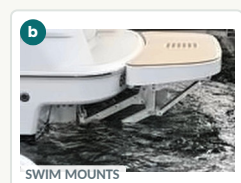
It is supplied as a two-part system — **Part A base and Part B hardener** — and cures to a hard, clear film that does not change the appearance of the gelcoat beneath it.

Claim	Figure	Additional benefits
Fuel savings	Up to 20%	Save on costly gelcoat repairs
Speed increase	Up to 15%	Improves performance
UV resistance	Up to 85%	Ultra hard, durable coating
Biocide content	100% biocide-free	Protects against hull osmosis
Finish	Clear	Increases resale value
Service life	Multi-seasonal	Use on swim decks, trailers and lifts

Hull Pro is a ceramicized epoxy clear performance coating: it is applied as a clear bottom coating and does not change the appearance of the gelcoat beneath it.

PROTECT MORE THAN JUST YOUR HULL

Where Hull Pro works



Hull Pro is not only a bottom coating. Anywhere on the boat that suffers rust, corrosion, impact damage, yellowing or hard-to-clean growth is a candidate for the same clear film.

	Surface	What the coating does
	Hull — below the waterline	Enhances speed and reduces fuel consumption; protects against hull blistering and osmosis; makes end-of-season cleaning easier
b	Swim mounts & bare metals	Protects bare metals from rust, corrosion and impact damage, and makes them easier to clean
c	Dry docked vessels	Prevents the gelcoat from yellowing; will not chip or scratch, and will not slip off bunks or straps
d	Lower units & brackets	Use on engine saddles, trim tabs and zip wakes, making them easy to clean
	Swim decks, trailers & lifts	Ultra hard, durable coating on the highest-contact surfaces

KIT SIZES & COVERAGE

What to order for the job



Kit	Coverage	Typical use
Hull Pro 4 oz Detail Kit	Detail quantity	Lower units, transoms and live wells
Hull Pro 8.5 oz kit	Approx. 55–60 sq ft • approx. 7.5 linear feet	Small craft, tenders and touch-in work
Hull Pro 17 oz kit	Approx. 100–130 sq ft • approx. 15 linear feet	The standard hull kit for most trailerable and lift-kept boats
Hull Pro 32 oz kit	Approx. 23 linear feet	Larger hulls and full-bottom coating

Kit sizes, coverage and the Part A / Part B make-up are as published by Armus Marine at armusmarine.com. Each kit contains Part A base and Part B hardener; mix at 4:1 by volume.

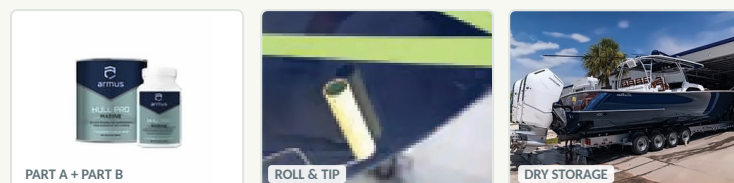
Custom Marine advises on Hull Pro specification and application scheduling against your berth type and cruising pattern — 800BOATS.

Hull Pro — application & scheduling

SURFACE, WEATHER WINDOW, MIX RATIO, CURE AND LAUNCH — THEN THE MAINTENANCE PLAN FOR YOUR WATER TYPE

APPLICATION DATA

Mixing, weather window & cure



Hull Pro is rolled on with a foam roller and then tipped with a foam tipping brush to activate self-levelling. Get the weather window right — the hull must be dry, warm relative to the dew point, and the job is best started in the morning.

Parameter	Figure
Mix ratio	Part A base to Part B hardener — 4:1 by volume
Pot life	Approx. 45 minutes at 68°F (20°C)
Application method	Roll on with a foam roller, then tip with a foam tipping brush to activate self-levelling; single application for the stated coverage
Air and substrate temperature	41–95°F (5–35°C)
Dew point margin	Hull surface must be at least 8°F warmer than the dew point
Moisture & timing	Surface must be completely dry with no trapped moisture; apply in the morning hours
Touch dry & cure	Touch dry 3 hours; cure approx. 24 hours — both at 68°F (20°C)
Launch	Full cure before immersion 48 hours; minimum 24–48 hours post-cure, 72 hours total from application
Touch-up and repair	Sand the affected area and recoat

Trapped moisture is the single most common cause of a failed clear coating. Confirm the hull is dry through, and check that the surface temperature is a full 8°F above the dew point before mixing — once mixed, the pot life is about 45 minutes.

HULL PRO WORKS DIFFERENTLY

Performance by water type & berth



Environment	How Hull Pro performs	Maintenance
Freshwater	Hull Pro thrives — no anti-fouling paint needed, and copper-based bottom paint is banned on many inland lakes. Low maintenance at the end of the season for optimal fuel savings. Maximum results.	Growth typically appears around day 60 to 90; mid-season wash optional, one power wash at haul-out. 5+ years of solid protection
Brackish water	Brackish conditions vary by tidal flow and season. Hull Pro performs well with the right maintenance schedule — more than freshwater, less than full saltwater.	Schedule between the freshwater and saltwater intervals according to tidal flow and season
Saltwater	Hull Pro works in saltwater, but regular hull cleaning is required. Best for lift-kept and trailer-kept vessels, and charter boats with a dedicated maintenance crew.	Regular hull cleaning; a dedicated maintenance crew is assumed for charter operation
Lift, trailer or dry-rack	Regardless of water type, lift, trailer-kept and dry-rack vessels get the best results. If you pull to store, rinse with freshwater before storage.	A simple power wash and acid wash resets the coating completely — no degradation, no re-coating needed

Cleaning method: regular power washing, 2,500–3,500 psi recommended. For freshwater growth at haul-out, Armus states a gas-powered pressure washer at up to 4,500 psi clears most growth in one pass; a 3M white scouring pad with soap and water, or a toilet-bowl cleaner, deals with stubborn growth. Freshwater, brackish and saltwater guidance and the maintenance figures on this page are as published by Armus Marine at armusmarine.com.

SERVICE LIFE & RESET

How long a coat lasts, and how to renew it



Question	Answer
How long before recoating?	Up to 2 years without reapplication with proper care; up to 5 years total coating lifespan under warranty conditions. Freshwater, lift-kept and trailer-kept vessels commonly see 5+ years of solid protection
When does growth first appear?	In freshwater, typically around day 60 to 90
How is the coating reset?	A simple power wash and acid wash resets the coating completely — no degradation, no re-coating needed
How is damage repaired?	Sand the affected area and recoat — touch-up application is possible without stripping the whole hull
What about winter storage?	If you pull to store, rinse with freshwater before storage. Hull Pro will not chip or scratch and will not slip off bunks or straps

Kit sizes, coverage, mix ratio, cure and launch figures, the maintenance schedule and the lifespan figures on these two pages are as published by Armus Marine at armusmarine.com; the performance claims, surface list and water-type behaviour are from the Armus Hull Pro flyer.

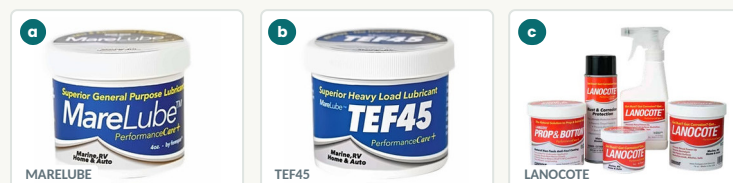
Forespar PerformanceCare+ — the boat care range

LUBRICANTS, CORROSION PROTECTION, DEODORISERS, TANK TREATMENT AND DRINKING WATER FILTRATION

SELECT THE RIGHT LUBRICANT FOR YOUR NEED

MareLube, TEF45 or LanoCote

FORESPAR®
MARINE PRODUCTS THAT PERFORM



In the harsh marine environment, proper lubrication is essential to keep things running smoothly. Forespar makes **three separate lubricants** formulated for different uses. Each provides the exact type of protection, adhesion and lubrication needed for the intended use — do not substitute one for another.

	Product	Prevents	Use it on
a	MareLube™	Valves & seacocks from seizing	Regular maintenance lubrication on all Forespar composite valves, as well as metal valves · general purpose marine lubricant · clear & non-staining · water resistant · non-petroleum · non-toxic
b	TEF45™	Corrosion in bi-metal applications	Heavy load mechanical fixtures such as turnbuckles, spar fittings, motor lower units and many more · strongest Teflon product in the marine market · large sizes available for OEM use · highly water resistant · non-petroleum
c	LanoCote®	Corrosion, galvanic reactions & thread freeze-up	All marine electrical contacts and contact points of dissimilar metals, and for coating and sealing metal and porous surfaces · all screw threads to prevent locking due to corrosion · highly tenacious — does not come off easily, especially in salt water · non-petroleum · non-toxic

MareLube is Forespar's family of specifically formulated synthetic lubricants designed for a variety of applications and environments. Each contains PTFE for maximum protection without adhesion.

COMMON TO THE WHOLE MARELUBE FAMILY

What every MareLube grade shares

FORESPAR®
MARINE PRODUCTS THAT PERFORM

Characteristic	MareLube family
Lubrication	Long lasting PTFE synthetic lubrication
Water type	Works equally well in fresh or salt water
Material compatibility	Safe on rubber, plastic and painted surfaces
Formulation	Formulated for specific uses for maximum effectiveness
Grades	MareLube Valve, MareLube Valve Liquid and MareLube REACH for general lubrication including valve and plumbing applications; MareLube TEF45 with maximum PTFE for superior corrosion and anti-seize protection in high-load and wet locations; MareLube Extra for general purpose lubrication needs
MareLube Valve	Clear, non-staining and non-toxic; keeps valve seals and balls working smoothly; suits traditional bronze fittings as well as all composite plumbing fixtures like Forespar's Marelon parts
MareLube Valve Liquid	Non-toxic, biodegradable; poured directly into the drain system to lubricate valves and seacocks without disassembly
MareLube REACH	Pre-loaded syringe of MareLube Valve lubricant with extension tube for hard-to-reach valves
MareLube TEF45	45% PTFE — the highest percentage available; highly water resistant, for heavy loads and bi-metal anti-corrosion applications

THE PERFORMANCECARE+ FAMILIES

What is in the boat care range

FORESPAR®
MARINE PRODUCTS THAT PERFORM

Family	Role on board	Part number series
LanoCote®	Rust and corrosion solution; anti-seize and thread protection — jars, aerosol and pump spray, plus the 16 oz Prop & Bottom pack	770001-770035
MareLube™ Valve	Valve and seacock lubrication — jar, liquid pour-in and REACH syringe kit	770049-770056
MareLube™ TEF45™	Maximum 45% PTFE heavy load lubricant, syringe to 40 lb bucket	770065-770068 · 770170-770172
ReFresh™	All-natural cleaners and deodorisers — spray, head and tank, cleanup concentrate	770062-770064
Eco-Tank™ / EcoTankPro	Granular holding tank treatment, biodegradable oxygen-bearing bio stimulant	770350 · 770350S
Tea Tree Power®	Marine grade odour eliminator — gel, spray, mist, refills and bulk pails	770200-770209 · 770260-770273
PureWater+®	Under-sink drinking water filtration from the boat's own tanks	770295 · 770297-770298

LanoCote® — the rust & corrosion solution

FORESPAR PERFORMANCECARE+ — ORIGINAL FORMULA, NEW LOOK · NATURALLY GREEN

FIVE BASIC PRINCIPLES

LanoCote® original formula

FORESPAR®
MARINE PRODUCTS THAT PERFORM



LanoCote works on five basic principles: it **displaces water**, **absorbs corrosion**, **forms a moisture barrier**, **penetrates** and has **high lubricity**. It prevents dissimilar metal galvanization and is extremely effective in preventing and stopping corrosion on all types of metals under all environmental conditions.

Formulated to withstand salt water marine conditions, LanoCote is particularly useful in preventing thread seizure due to all types of corrosion on boats and machinery. Applied during assembly it greatly assists in easy dismantling years later — anchor shackles regularly immersed in salt water are the classic example. LanoCote also combats galvanization where dissimilar metals are fastened together, such as stainless steel fittings on alloy masts.

Part no.	Model	Pack size	Format
770001	LanoCote® 4 oz. Jar	4 oz	Jar
770002	LanoCote® 7 oz. Aerosol Spray Can	7 oz	Aerosol spray can
770003	LanoCote® 16 oz. Jar	16 oz	Jar
770007	LanoCote® 8 oz. Pump Spray Bottle	8 oz	Pump spray bottle
770035	LanoCote® 16 oz. Prop & Bottom	16 oz	Jar

The rust & corrosion solution. Forespar states these five things of LanoCote as a product, not of any one pack: it prevents thread freeze-up, combats galvanic reaction of dissimilar metals, seals porous surfaces, neutralizes acids, alkalies and salts, and prevents corrosion on electronic contacts. The part numbers above are pack sizes and applicators for the same original formula — no one of them does anything the others do not.

WHAT IT DOES, AND WHERE

LanoCote application guide

FORESPAR®
MARINE PRODUCTS THAT PERFORM

Principle	What it means on board
Displaces water	Drives moisture out of the thread, joint or contact before it can start the corrosion cycle
Absorbs corrosion	Takes up existing corrosion products rather than sealing them in
Forms a moisture barrier	Seals porous surfaces and keeps salt water off the metal
Penetrates	Works into the thread form and into standing rigging terminals
High lubricity	Assembles and dismantles fasteners without galling
Prevents thread freeze-up	Apply to every screw thread on assembly — the fastener comes apart years later
Combats galvanic reaction	Stainless steel fittings on alloy masts, and any dissimilar metal pairing
Neutralizes acids, alkalies and salts	Battery terminals and other chemically aggressive locations
Prevents corrosion on electronic contacts	All marine electrical contacts and contact points of dissimilar metals
Highly tenacious	Does not come off easily, especially in salt water; non-petroleum and non-toxic

LanoCote is the specified product wherever the failure mode is corrosion or seizure rather than friction. Where the failure mode is friction in a valve, use MareLube; where it is high load between dissimilar metals, use TEF45.

LANOCOTE ON BOARD

Where to put it, and which pack to take

FORESPAR®
MARINE PRODUCTS THAT PERFORM

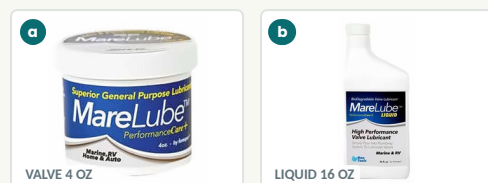
Location on the boat	Why LanoCote goes there	Pack
Anchor shackles and ground tackle	Regularly immersed in salt water; applied during assembly it greatly assists in easy dismantling years later	770001 · 770003
Stainless steel fittings on alloy masts	Combats galvanization where dissimilar metals are fastened together	770002 · 770007
All screw threads and fasteners	Prevents thread freeze-up and locking due to corrosion; high lubricity assembles and dismantles without galling	770001 · 770003
Marine electrical contacts	Prevents corrosion on electronic contacts and on contact points of dissimilar metals	770007
Battery terminals and chemically aggressive areas	Neutralizes acids, alkalies and salts	770002
Porous metal surfaces	Seals porous surfaces and forms a moisture barrier	770003
Propellers, shafts and running gear	Supplied as LanoCote® Prop & Bottom, a 16 oz jar; effective at preventing and stopping corrosion on all types of metals under all environmental conditions	770035
Large areas and spray application	7 oz aerosol spray can and 8 oz pump spray bottle for coverage without a brush	770002 · 770007

MareLube™ Valve, Liquid & REACH

PTFE SYNTHETIC VALVE AND SEACOCK LUBRICATION — CLEAR, NON-STAINING, NON-TOXIC

ADVANCED LUBRICATION FORMULA

MareLube™ Valve Lubricant



MareLube Valve Lubricant is an advanced lubrication formula designed to keep valve seals and balls working smoothly in marine plumbing systems. It is a clear, non-staining and nontoxic lube that is perfect for traditional bronze fittings, as well as all composite plumbing fixtures like Forespar's Marelon® parts.

Liquid MareLube Valve Lubricant is a non-toxic, biodegradable formula that can be conveniently poured directly into your drain system to lubricate your valves and seacocks **without disassembly**. Available in an easy-pour 16 oz bottle.

	Part no.	Description	Application
a	770050	4 oz MareLube Valve Lubricant	General purpose valve lubrication by hand or brush; bronze fittings and composite fixtures alike
	770056	MareLube Extra 4 oz Jar	General purpose lubrication needs
b	770055	16 oz Liquid MareLube Valve Lubricant	Poured directly into the drain system to lubricate valves and seacocks without disassembly

FOR HARD-TO-REACH VALVES

MareLube™ REACH Valve Lubricant Kit



Proper lubrication is essential for all your boat's valves. The MareLube REACH Kit offers an easy way to lubricate those hard-to-reach valves using a pre-loaded syringe of MareLube Valve lubricant and extension tube.

	Part no.	Description	Kit contents
c	770049	MareLube REACH Kit — 30cc Reach Syringe Lube Kit	Pre-loaded application syringe, extension hose and applicator brush
	Kit contains	30cc pre-loaded syringe · extension hose · applicator brush	Flexible tube for elbows and hard-to-reach locations; keeps valve seals lubricated for longer life; contains no petroleum; uses PTFE for superior lubrication in wet conditions

All valves are non-corrosive, but like any moving part in a marine environment they require regular inspection and lubrication. The REACH kit allows the correct lubrication to be injected directly onto the valve's moving parts using the pre-loaded syringe and extension tube.

VALVES ARE A MAINTENANCE ITEM

Lubrication schedule & method



Situation	Product and method
Routine valve maintenance, accessible valve	770050 — 4 oz MareLube Valve Lubricant applied to seals and ball; regularly actuate the handle and lubricate the seals
Valve buried behind joinery or in a deep bilge	770049 — MareLube REACH Kit; inject directly onto the moving parts through the extension tube
Drain and sink system, no access to strip down	770055 — 16 oz Liquid MareLube poured into the drain system; lubricates valves and seacocks without disassembly
Turnbuckles, spar fittings, motor lower units	MareLube TEF45 — see the following page
Threads, electrical contacts, dissimilar metals	LanoCote — see the preceding page
Frequency	Encourage customers to regularly actuate the handle and lubricate the seals — all valves are non-corrosive, but like any moving part in a marine environment they require regular inspection and lubrication
Compatibility	Safe on rubber, plastic and painted surfaces; clear and non-staining; works equally well in fresh or salt water

Water pump grease or mineral oil can also be used if necessary, but the correct lubrication for a Marelon or bronze marine valve is MareLube Valve.

MareLube™ TEF45™

MAXIMUM 45% PTFE HEAVY LOAD LUBRICANT — THE HIGHEST PERCENTAGE PTFE AVAILABLE

MAX PTFE HEAVY LOAD LUBRICANT

TEF45™ jars & syringe packs

FORESPAR®
MARINE PRODUCTS THAT PERFORM



MareLube TEF45 is a highly water-resistant synthetic lubricant grease containing **45% PTFE**. This is the highest percentage PTFE available, which makes TEF45 perfect for heavy loads and bi-metal anti-corrosion applications like turnbuckles, spar fittings and motor lower units. TEF45 also works well at protecting against rust corrosion and in anti-seize applications.

TEF45 is a long-lasting lubrication paste that is perfect when you need a heavy-duty lubricant that can withstand high-load use in wet locations. Convenient **pre-loaded syringe packs** work great for those hard-to-reach applications where injection is needed — available in 30cc and 6cc sizes, applicator brush included.

	Part no.	Description	Typical use
	770065	6cc MareLube TEF45 Syringe Pack — TEF45 6cc Syringe Lube Kit	Pre-loaded syringe for hard-to-reach applications where injection is needed
c	770066	30cc MareLube TEF45 Syringe Pack — TEF45 30cc Syringe Lube Kit	Pre-loaded syringe, larger charge; applicator brush included
b	770067	4 oz MareLube TEF45 — TEF45 4 oz Jar	Long-lasting lubrication paste for heavy-duty, high-load use in wet locations
a	770068	16 oz MareLube TEF45 — TEF45 16 oz Jar	Turnbuckles, spar fittings and motor lower units

LARGE QUANTITY PACKAGES

Caulk tube, pail & bucket for yards and OEM

FORESPAR®
MARINE PRODUCTS THAT PERFORM



MareLube TEF45 is also available in large quantity packages ranging from the 12 oz caulk tube to the 40 lbs bucket. These high quantity packages are great for large jobs and OEM applications.

	Part no.	Description	Pack
d	770170	MareLube TEF 45 — 12 oz Caulk Tube	12 oz caulk tube, fits a standard cartridge gun
	770171	MareLube TEF 45 — 8 lbs Pail	8 lb pail
	770172	MareLube TEF 45 — 40 lbs Bucket	40 lb bucket

WHY 45% PTFE

TEF45 characteristics

FORESPAR®
MARINE PRODUCTS THAT PERFORM

Characteristic	TEF45™
PTFE content	45% — the highest percentage PTFE available; the strongest Teflon product in the marine market
Formulation	Max PTFE heavy load formulation, synthetic lubricant grease, non-petroleum
Water resistance	Highly water resistant — perfect for wet and submerged parts
Corrosion protection	Bi-metal corrosion protection; excellent dissimilar metal corrosion barrier; protects against rust corrosion
Anti-seize	Stops seizing — aids in assembly and disassembly
Electrical	Premium dielectric grease for power connections
Typical fittings	Turnbuckles, spar fittings, motor lower units and other heavy load mechanical fixtures
Quantities	Available in large quantities for OEM use, from 6cc syringe to 40 lb bucket

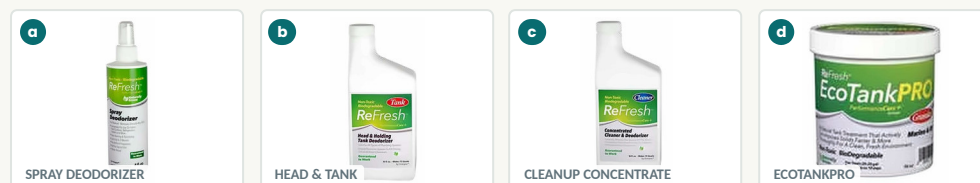
ReFresh™ deodorizers & Eco-Tank™

ALL NATURAL, ENVIRONMENTALLY SAFE CLEANERS AND DEODORIZERS — NOT A COVER-UP FRAGRANCE

ATTACKING THE SOURCE

The ReFresh™ family

FORESPAR®
MARINE PRODUCTS THAT PERFORM



ReFresh is a family of all natural, environmentally safe cleaners and deodorizers specially formulated to work on the toughest odors, attacking the source. Each is formulated using naturally biodegradable ingredients to create an effective, non-toxic alternative to traditional chemical based cleaners.

Non-toxic and biodegradable · naturally attacks the odor source · not a cover-up fragrance. The ReFresh family includes three specially formulated, non-diluted products for your most frequent needs including EcoTankPro, specially designed to deodorize and decompose head and tank waste.

	Part no.	Description	What it is for
a	770064	8 oz ReFresh Atomizer Spray Deodorizer — ReFresh 8 oz Spray Pump	Non-toxic, biodegradable atomizer spray that naturally attacks the odour source
b	770063	16 oz ReFresh Head & Tank Deodorizer	Poured directly into the system by flushing; naturally eliminates odor sources for up to 4 months. Safe on bronze or Marelon plumbing systems
c	770062	16 oz ReFresh Cleanup Concentrate — ReFresh Concentrated 16 oz	General-purpose marine grade deodorizer for cleanup or wash-down; permanently eliminates odors by attacking the source. Removes bilge, fish, head and vomit odors, works on gas and oil, and can be used on almost any surface including fabric. Non-staining
d	770350	EcoTankPro Granular Holding Tank Treatment, 16 oz — ECO-TANK PRO 16 oz Jar	Totally biodegradable, oxygen bearing bio stimulant; rapidly stimulates aerobic capacity to eliminate waste, odor, solid matter and tissue. Fast acting and well proven in marine heads
	770350S	ECO-TANK PRO 2 oz Sample	Trial size of the granular holding tank treatment

DOSING & DILUTION

How each ReFresh product is used

FORESPAR®
MARINE PRODUCTS THAT PERFORM

Product	Dose or method	Duration of effect
ReFresh Head & Tank Deodorizer	Pour directly into the system by flushing — one ounce treats a 20-gallon tank	Up to 4 months
ReFresh Cleanup Concentrate	Dilute — a 16 ounce bottle makes 10 quarts	Permanent elimination of the odour source
ReFresh Atomizer Spray Deodorizer	Spray direct onto the surface or into the space, undiluted	Until the source is removed
EcoTankPro Granular	Granular bio stimulant added to the holding tank	Continuous while dosed

Safe on bronze or Marelon plumbing systems. All ReFresh products are non-toxic, biodegradable and attack the odour source rather than masking it, and the Cleanup Concentrate is non-staining and safe on almost any surface including fabric.

ODOUR BY ODOUR

Which ReFresh product to reach for

FORESPAR®
MARINE PRODUCTS THAT PERFORM

Problem on board	Product	Part no.
Head and holding tank odour	ReFresh Head & Tank Deodorizer, poured in by flushing	770063
Waste, solids and tissue not breaking down	EcoTankPro granular holding tank treatment	770350
Bilge, fish, head and vomit odours	ReFresh Cleanup Concentrate, diluted for wash-down	770062
Gas and oil	ReFresh Cleanup Concentrate	770062
Fabric, upholstery and general surfaces	ReFresh Cleanup Concentrate — non-staining	770062
Spot treatment in the cabin or locker	ReFresh 8 oz Atomizer Spray Deodorizer	770064
Mould, mildew and bacteria in the air	Tea Tree Power — see the following page	—

Tea Tree Power® Gel

MARINE GRADE ODOR ELIMINATORS — 100% AUSTRALIAN TEA TREE OIL, UP TO 3 MONTHS PER FILL

ALL-NATURAL ODOR ELIMINATOR

Tea Tree Power® Gel jars

FORESPAR®
MARINE PRODUCTS THAT PERFORM



Tea Tree Power is the all-natural marine grade odor eliminator containing a proprietary blend of **100% Australian Tea Tree Oil** and other natural ingredients. Its powerful, yet pleasant smelling vapors diffuse throughout your cabin and lockers, attacking and eliminating the source of unpleasant odors caused by mold, mildew and bacteria.

Tea Tree Power Gel slowly evaporates to provide continuous, natural and long-lasting odor control for **up to 3 months**. It penetrates deep into porous materials — cushions, carpets and upholstery — delivering a deep cleaning with enduring odor protection.

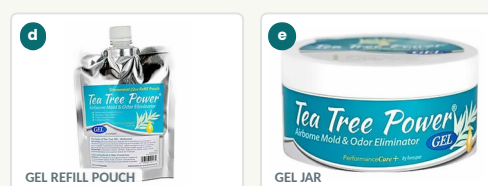
	Part no.	Description	Pack
	770200	Tea Tree Power Gel 1/2 oz Sample	1/2 oz trial jar
	770201	Tea Tree Power 2oz Gel — Gel 2 oz Jar	2 oz jar
c	770202	Tea Tree Power 4oz Gel — Gel 4 oz Jar	4 oz jar
b	770203	Tea Tree Power 8oz Gel — Gel 8 oz Jar	8 oz jar
a	770204	Tea Tree Power 16oz Gel — Gel 16 oz Jar	16 oz jar

Open the container and place it in the cabin, locker or bilge. The gel slowly evaporates and penetrates deep into porous materials such as cushions, carpets and upholstery.

REFILL POUCHES & BULK

Gel refills, pails & starter kit

FORESPAR®
MARINE PRODUCTS THAT PERFORM



Refill an existing jar from an economical pouch rather than replacing it, or take the 1-1/4 and 2-1/2 gallon pails for fleet, charter and yard use.

	Part no.	Description	Pack
d	770205	Tea Tree Power Refill — 22oz · Gel 22 oz Refill Pouch	22 oz economical refill pouch
	770206	Tea Tree Power Refill — 44oz · Gel 44 oz Refill Pouch	44 oz economical refill pouch
	770260	Tea Tree Power 1-1/4 gal Pail	1-1/4 gallon pail
	770261	Tea Tree Power 2-1/2 gal Pail	2-1/2 gallon pail
	770208	Tea Tree Power Starter Kit with Product	Starter kit supplied with product
	770271	Tea Tree Power 5cc Mini Mister Sample	5cc mini mister trial size

Point-of-sale material is also available to order: 770248A Tea Tree Power Sign Card, 1-product · 770248B PerformanceCare+ Flyer, 4-product · 770248C PerformanceCare+ Card, 4-product.

AT A GLANCE

What Tea Tree Power® is and what it does

FORESPAR®
MARINE PRODUCTS THAT PERFORM

Characteristic	Tea Tree Power®
Active ingredient	A proprietary blend of 100% Australian Tea Tree Oil and other natural ingredients
What it targets	The source of unpleasant odors caused by mold, mildew and bacteria
How it works	Powerful yet pleasant smelling vapors diffuse throughout the cabin and lockers, attacking and eliminating the source — it is not a cover-up fragrance
Duration	Continuous, natural and long-lasting odor control for up to 3 months
Penetration	Penetrates deep into porous materials — cushions, carpets and upholstery — delivering a deep cleaning with enduring odor protection
Formats	Gel jars 2, 4, 8 and 16 oz · 22 and 44 oz gel refill pouches · 8 oz spray · 2 oz mist · 16 oz spray/mist refill · 1-1/4 and 2-1/2 gallon pails · samples and starter kit
Class	Marine grade odor eliminator, part of the Forespar PerformanceCare+ range

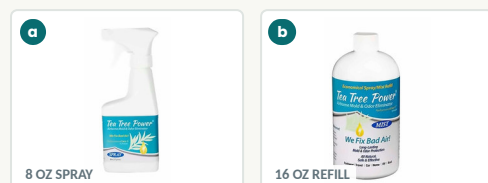
Tea Tree Power® Spray & Mist

STARTS CONTROLLING ODORS ON CONTACT — SPRAY, ATOMIZER MIST AND ECONOMICAL REFILL

ON-CONTACT ODOR CONTROL

Tea Tree Power® Spray & Mist

FORESPAR®
MARINE PRODUCTS THAT PERFORM



Not a cover-up fragrance, Tea Tree Power Spray starts controlling odors **on contact**, providing continuous, natural and long-lasting odor control for up to 3 months. It penetrates porous materials — cushions, carpets and upholstery — delivering a deep cleaning with enduring odor protection.

	Part no.	Description	Pack
	770209	Tea Tree Power 2oz Mist · 2 oz Atomizer Pump	2 oz atomizer pump — locker, bag and travel size
a	770207	Tea Tree Power 8oz Spray · 8 oz Spray Bottle	8 oz trigger spray bottle
b	770273	Tea Tree Power 16oz Spray/Mist Refill · 16 oz Spray Bottle Refill	16 oz economical spray and mist refill

GEL OR SPRAY

Application, dosing & duration

FORESPAR®
MARINE PRODUCTS THAT PERFORM

Product	Dose or method	Duration of effect
Tea Tree Power Gel	Open the container and place in the cabin, locker or bilge; slowly evaporates and penetrates deep into porous materials such as cushions, carpets and upholstery	Continuous odour control for up to 3 months
Tea Tree Power Spray	Spray onto the surface — starts controlling odours on contact and penetrates porous materials	Up to 3 months
Tea Tree Power Mist	Atomizer pump for spot treatment in lockers, bags and small spaces	Up to 3 months
Refill pouches and refill bottles	Top up an existing gel jar or spray bottle rather than replacing it	As the parent product
Cabins, berths and lockers	Gel jar left open, sized to the volume of the space; spray for a fast knock-down on contact	Up to 3 months
Bilges and machinery spaces	Gel jar — vapours diffuse through the space without needing access to every surface	Up to 3 months
Cushions, carpets and upholstery	Spray direct; penetrates porous materials for a deep clean	Up to 3 months
Bags, lockers and travel	2 oz atomizer mist or the 5cc mini mister	Up to 3 months

Tea Tree Power gel penetrates deep into porous materials such as cushions, carpets and upholstery for a deep clean with enduring odour protection. Both formats attack and eliminate the source of odours caused by mould, mildew and bacteria rather than masking them.

COMPLETE RANGE

Every Tea Tree Power part number

FORESPAR®
MARINE PRODUCTS THAT PERFORM

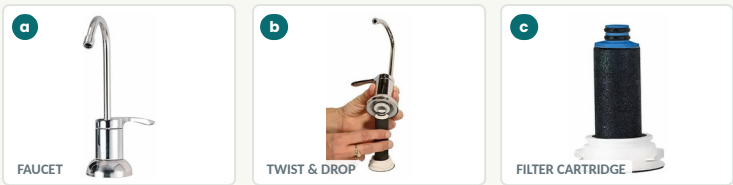
Part no.	Description	Part no.	Description
770200	Gel 1/2 oz Sample	770207	8 oz Spray Bottle
770201	Gel 2 oz Jar	770208	Starter Kit with Product
770202	Gel 4 oz Jar	770209	2 oz Atomizer Pump / Mist
770203	Gel 8 oz Jar	770260	1-1/4 gal Pail
770204	Gel 16 oz Jar	770261	2-1/2 gal Pail
770205	Gel 22 oz Refill Pouch	770271	5cc Mini Mister Sample
770206	Gel 44 oz Refill Pouch	770273	16 oz Spray Bottle Refill
770248A	Sign Card, 1-product	770248B	PerformanceCare+ Flyer, 4-product
770248C	PerformanceCare+ Card, 4-product	—	—

Gel jars, spray and mist all carry the same proprietary blend of 100% Australian Tea Tree Oil; the format decides how it is delivered, not how well it works. The refill pouches and the 16 oz spray refill top up an existing container rather than replacing it.

PureWater+® drinking water filtration

EXCEPTIONALLY CLEAN TASTING TANK WATER WITH A TWIST — TOP-LOADING FILTER, NO CRAWLING UNDER THE SINK

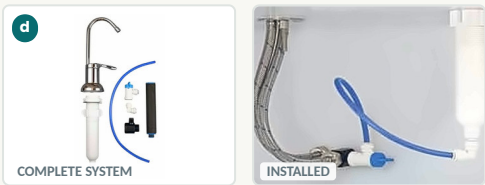
UNIQUE TOP LOAD TWIST & DROP
PureWater+® system



If you would like to be able to drink pure, clean tasting water directly out of your boat's water tanks, the PureWater+ water filtration system is an elegant and easy-to-install solution. Its unique top-loading filter design allows you to simply **twist off the faucet head and drop in a new filter**. This eliminates unsightly above-the-sink filter containers, or the need to crawl under the cabinet to replace the filter.

Feature	PureWater+®
Filter change	Simple filter change by twisting off the faucet head and simply dropping the filter into the cartridge, without crawling under the sink
Water supply	On-demand ultra-clean tasting water from your tank
Styling	Elegantly styled, simple to install design
Housing	Compact filter housing maximizes under-sink storage
Filtration options	5 micron, or ultra-fine 0.5 micron filters
System contents	Complete system includes everything needed for installation

SYSTEM & REPLACEMENT FILTERS
PureWater+® ordering



Easy to install space saving design — the complete system includes everything needed for installation. Order replacement filters by micron rating; both grades drop into the same cartridge.

	Part no.	Description	Notes
d	770295	Complete PureWater+ System	Faucet, filter housing, cartridge and installation parts
c	770297-1	5 Micron Replacement Filter	Single filter
	770297-2	2-Pk — 5 Micron Replacement Filters	Two-pack
	770298-1	0.5 Micron Replacement Filter	Ultra-fine single filter
	770298-2	2-Pk — 0.5 Micron Replacement Filters	Ultra-fine two-pack

Two filtration options: 5 micron and 0.5 micron ultra-fine filter. Both fit the same top-loading cartridge, so the grade can be changed at any filter service without altering the installation.

FILTER SELECTION & SERVICE

Which micron rating, and how to change it



Point	PureWater+®
5 micron filter	The standard grade — 770297-1 single, 770297-2 two-pack
0.5 micron ultra-fine filter	The ultra-fine grade — 770298-1 single, 770298-2 two-pack
Changing the filter	Twist off the faucet head and drop the new filter into the cartridge — no crawling under the sink, and no dismantling of the housing
What it replaces	Unsightly above-the-sink filter containers, and under-cabinet filter housings that have to be reached to service
Water source	The boat's own water tanks — on-demand ultra-clean tasting water without carrying bottled water aboard
Installation	The complete system, 770295, includes everything needed for installation; the compact filter housing maximizes under-sink storage
Stocking advice	Carry a spare filter of the grade in use; the two-packs are the economical way to hold a season's spares
Why it beats a bottled-water locker	On-demand clean tasting water straight from the tanks, with no cases of bottles to stow, carry aboard or dispose of

Boat care — complete part number index

EVERY FORESPAR PERFORMANCECARE+ PART NUMBER IN ONE PLACE, FOR ORDERING

LUBRICANTS & CORROSION PROTECTION

LanoCote, MareLube & TEF45



Part no.	Description	Part no.	Description
770001	LANOCOTE 4 oz Jar	770056	MARELUBE Extra 4 oz Jar
770002	LANOCOTE 7 oz Aerosol Can	770065	TEF45 6cc Syringe Lube Kit
770003	LANOCOTE 16 oz Jar	770066	TEF45 30cc Syringe Lube Kit
770007	LANOCOTE 8 oz Spray Bottle	770067	TEF45 4 oz Jar
770035	LANOCOTE PROP & BOTTOM 16 oz Jar	770068	TEF45 16 oz Jar
770049	MARELUBE Reach 30cc Syringe Lube Kit	770170	TEF45 12 oz Tube / Caulk Tube
770050	MARELUBE 4 oz Jar	770171	MareLube TEF 45 — 8 lbs Pail
770055	MARELUBE 16 oz Liquid	770172	MareLube TEF 45 — 40 lbs Bucket

DEODORIZERS, TANK TREATMENT & WATER

ReFresh, Eco-Tank Pro, Tea Tree Power & PureWater+



Part no.	Description	Part no.	Description
770062	ReFresh Concentrated 16 oz	770205	Tea Tree Power Gel 22 oz Refill Pouch
770063	ReFresh Head & Tank 16 oz	770206	Tea Tree Power Gel 44 oz Refill Pouch
770064	ReFresh 8 oz Spray Pump	770207	Tea Tree Power 8 oz Spray Bottle
770350	ECO-TANK PRO 16 oz Jar	770208	Tea Tree Power Starter Kit with Product
770350S	ECO-TANK PRO 2 oz Sample	770209	Tea Tree Power 2 oz Atomizer Pump
770200	Tea Tree Power Gel 1/2 oz Sample	770260	Tea Tree Power 1-1/4 gal Pail
770201	Tea Tree Power Gel 2 oz Jar	770261	Tea Tree Power 2-1/2 gal Pail
770202	Tea Tree Power Gel 4 oz Jar	770271	Tea Tree Power 5cc Mini Mister Sample
770203	Tea Tree Power Gel 8 oz Jar	770273	Tea Tree Power 16 oz Spray Bottle Refill
770204	Tea Tree Power Gel 16 oz Jar	770295	Complete PureWater+ System
770297-1	5 Micron Replacement Filter	770298-1	0.5 Micron Replacement Filter
770297-2	2-Pk — 5 Micron Replacement Filters	770298-2	2-Pk — 0.5 Micron Replacement Filters

BOAT CARE BY TASK

Straight from the job to the part number



Job on board	Product	Part no.
Lubricate an accessible seacock or ball valve	4 oz MareLube Valve Lubricant	770050
Lubricate a valve you cannot reach	MareLube REACH Kit — syringe, extension hose, brush	770049
Lubricate the drain system without stripping it	16 oz Liquid MareLube Valve Lubricant	770055
Grease turnbuckles, spar fittings and lower units	MareLube TEF45, 4 oz or 16 oz jar	770067 · 770068
Stop threads seizing on assembly	LanoCote 4 oz or 16 oz jar	770001 · 770003
Protect electrical contacts and dissimilar metals	LanoCote 8 oz pump spray bottle	770007
Coat the prop and running gear	LanoCote 16 oz Prop & Bottom	770035
Kill head and holding tank odour	16 oz ReFresh Head & Tank Deodorizer	770063
Break down waste and solids in the tank	EcoTankPro granular, 16 oz jar	770350
Wash down a bilge, fish box or fabric	16 oz ReFresh Cleanup Concentrate — makes 10 quarts	770062
Clear mould and mildew odour from a cabin; treat cushions on contact	Tea Tree Power Gel 2-16 oz jar · 8 oz Spray	770201-770204 · 770207
Drink from the boat's own tanks	Complete PureWater+ System	770295

Boat care stock is held in Dubai for same-week supply alongside the NPT adhesive range and Armus Hull Pro on the preceding pages — 800BOATS.