



Increasing business and margin
in your boat yard

With Propspeed!



Why use a foul release coating on your customer's boat?

1. You wouldn't put a boat in the water without antifoul??
2. A product that adds margin to your boatyard business
3. Knowledge and advice you can share with your clients
4. Great outcome for your customers – bringing repeat business



What is Propspeed?

MORE SPEED LESS FUEL
THE BEST FOUL RELEASE COATING ON THE MARKET!

Use on any underwater metal substrate:

- Propellers
- Rudders
- Shafts
- Struts
- Trim tabs
- IPS Drives
- Thrusters
- Keel coolers
- Underwater lights (clear coat only)



What makes Propspeed different from other foul release coatings?



Propspeed is different because it works!

The Propspeed system is highly effective, providing both **superior adhesion** to metal substrates

and

a **long-lasting slick coat** that is highly efficient at reducing marine growth.



System Components

1

PROPSPEED PROPSTRIP

The new and simple way to pull labour costs out of your re-application process. Let Propstrip do the hard work for you.

2

PROPSPEED PROPCLEAN

The alcohol in Propclean ensures that the metal surface is completely free of contaminants and ready for Propprep.

3

PROPSPEED PROPPREP

Propprep is critical in the chemical preparation of the metal surface to be coated. The low percent-age of phosphoric acid treats the metal in preparation for the Etching Primer.

System Components

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PROPSTRIP

The new and simple way to pull labour costs out of your re-application process. Let Propstrip do the hard work for you.

2



PROPCLEAN

The alcohol in Propclean ensures that the metal surface is now completely free of contaminants and ready for Propprep.

3



PROPPREP

Propprep is critical in the chemical preparation of the metal surface to be coated. The low percentage of phosphoric acid treats the metal in preparation for the Propspeed Etching Primer.

4



PAINT STIRRING WHEELS

Our Paint Stirring Wheels provide a simple, practical way to ensure the Etching Primer Base & Hardener are perfectly mixed.

5



ETCHING PRIMER BASE & HARDENER

Propspeed Etching Primer Base & Hardener combined are one of the best underwater Etching Primers on the market. Known best for its tenacious adhesion and corrosion resistance.

6



CLEAR COAT

The non-toxic, slick top coat that repels marine growth and contributes to lowering boat owners' running costs. More Speed, Less Fuel.

MORE SPEED LESS FUEL

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How does Propspeed achieve superior adhesion and a long lasting slick coat?

Propspeed's secret lies in the **interlocking** layers of the components. Together these are CRITICAL to enhancing the longevity of the coating.



Step 1 Preparation: Propclean

What is Propclean?

A solution that dissolves organics such as grease and fingerprint residue.

Why is it important?

It is crucial that the metal substrate is completely free of contaminants before proceeding with the application.

Failure to complete this initial clean can result in the etching primer not adequately adhering to the metal substrate, potentially resulting in failure of the system.



Step 2 Preparation: Propprep



What is Propprep?

It is a metal conditioner, containing ingredients that react with the metal, creating a porous surface layer.

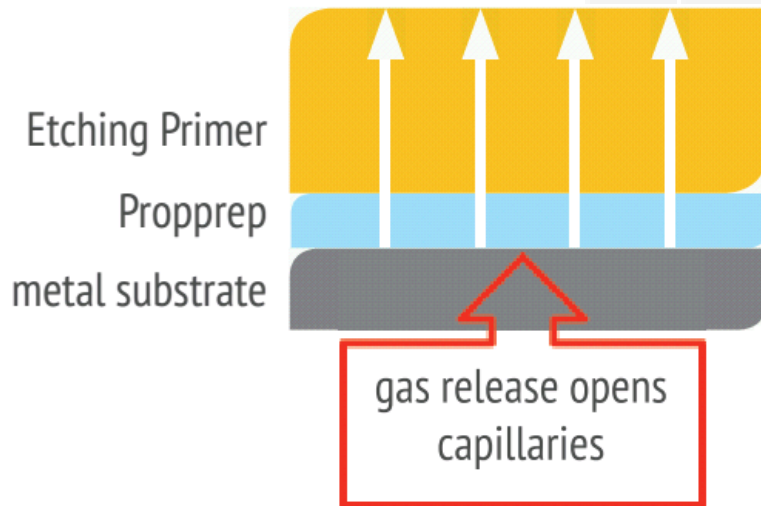
Why is it important?

This porous layer is key to ensuring the self etching primer in the next step properly and completely penetrates the metal substrate.



If the Propclean and Propprep steps are NOT completed, you run the risk of patchy adhesion of the primer to the metal substrate.

Step 3 Application: Etching Primer

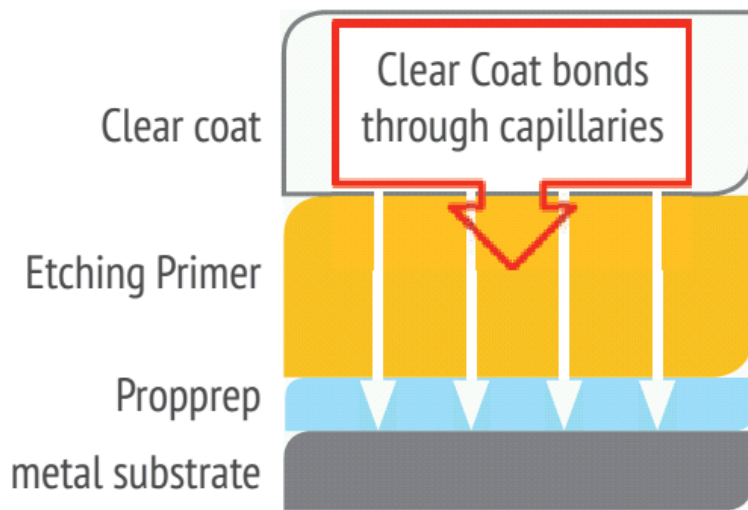


How does the Etching Primer work?

The Etching Primer bonds to the metal substrate by both physical and chemical bonds.

This bond causes gas bubbles to be released, creating tiny capillary holes in the surface of the primer.

Step 4 Application: Clear Coat



How does the Clear Coat work?

When the Clear Coat is applied it soaks into these capillary holes, binding to the primer coats as well as the metal substrate.

It is this process which relies on the **re-coat timing window** being strictly followed – if the Etching Primer is too dry when the Clear Coat is applied the capillaries will have closed up, so the **interlocking of all layers** won't work.

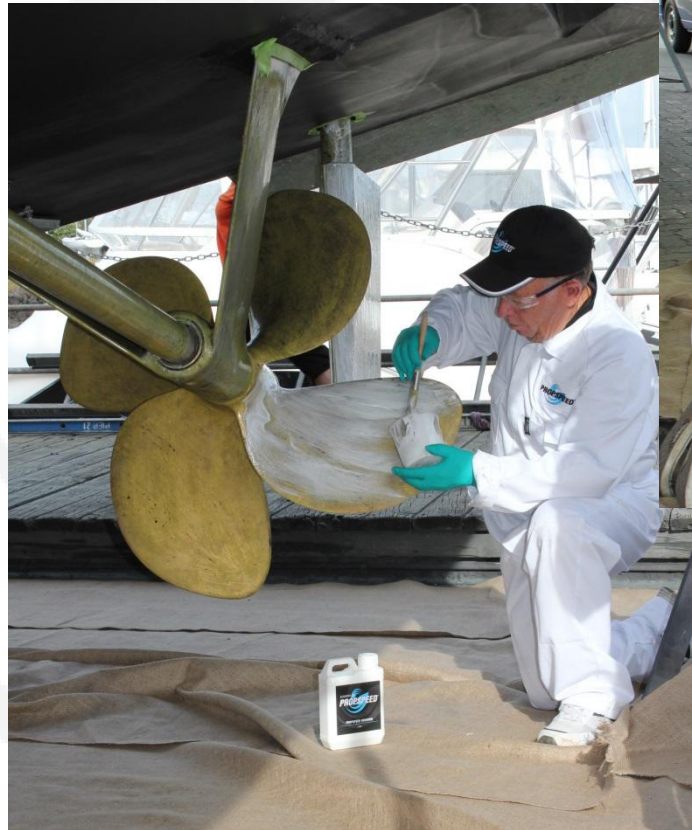


If the Etching Primer and Clear Coat re-coat timing window is not followed, you run the risk of incomplete interlinking between the layers, resulting in overall substandard adhesion to the metal substrate.

Applying Propspeed

Step 1: Metal Preparation

Propspeed can be removed by sanding with 80 grit sandpaper, or for quick and easy removal, use **Propstrip**.



Propstrip



Propstrip



ABRADE TOPCOAT



PAINT ON



WAIT



WASH OFF

FAST & EASY – SAVE TIME & MONEY

Propstrip

Does the hard work for you!

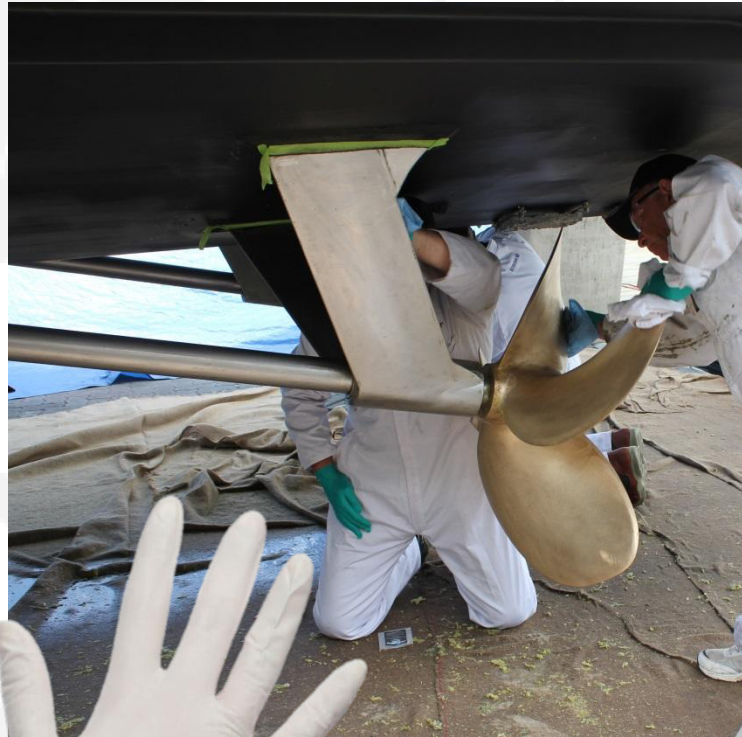


Applying Propspeed

Step 2: Initial Clean

From this step onwards, you must wear gloves at all times when touching any surface that is to be coated.

Wipe down the surfaces with **Propclean** wipes, immediately wiping with a clean, dry rag. Repeat until there is no residue.



Applying Propspeed

Step 3: Metal conditioning

Wipe down the surfaces with **Propprep** wipes, immediately wiping with a clean, dry rag. Repeat until there is no residue.

Propprep contains no corrosion inhibitors, so you need to proceed with step 4 as soon as possible, but definitely within 4 hours.



Applying Propspeed

Step 4: Etch Primer

Mix **Etching Primer** thoroughly before adding **Hardener**. Two coats are required and can be applied by brush or foam roller.

The surface must not dry completely between coats – use the 'dry-to-touch' test to check on the re-coat window.



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 **PROPSPEED**

Applying Propspeed

Step 5: Clear Coat

Proceed with Clear Coat using the dry to touch recoat window. Only one coat is required. Use a brush only (no foam rollers). When finished check carefully for any areas with a dull lustre and touch up.

Leave for at least 24 hours before re-launch.



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Common Application Issues

When it's cold:

10-15°C

50-60°F

- Work in the middle of the day when it's warmest.
- Pay attention to the timing window.
- Time till re-launch is longer – try for a minimum of 24 hours.

When it's hot or windy:

>35°C

>95°F

- Work in the shade where possible.
- Wind will dry as much as heat.
- Be aware the timing window may be quite short.
- Keep only small quantities of product decanted from the original containers.

Common Application Issues

Similar issues apply for **Propstrip**:

When it's cold:

10-15°C

50-60°F

- It will take longer for the Propstrip to work.
- Plan for it taking over 3 hours.
- Check how loose the coating is before starting to hose down.
- **Can be left overnight if wrapped or otherwise protected from moisture.**

When it's hot or windy:

>35°C

>95°F

- The Propstrip should work in less than 3 hours.
- Can work in as little as an hour, but check the coating is loose before starting to hose down.

Winterisation & Maintenance

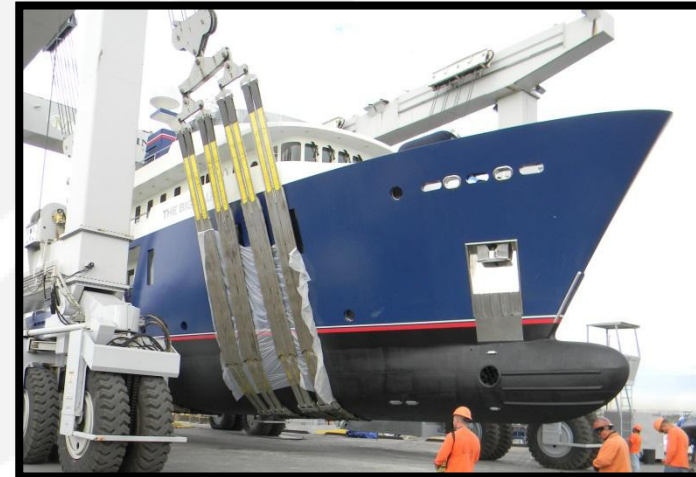


- Multi-season service – boats will get at least 2 seasons with the coating
- Propspeed can be left out of the water indefinitely without affecting it
- Boats hauled for winterising (or any maintenance during the season):
 - Don't use direct high pressure washing
 - Wipe any fouling off while still wet using a soft cloth (no abrasives)
- Boats left in for winter:
 - Prop and running gear may foul as coating relies on movement
 - At the beginning of season, running the boat will get rid of some fouling, if required dive and wipe down with a soft cloth

Who uses Propspeed?



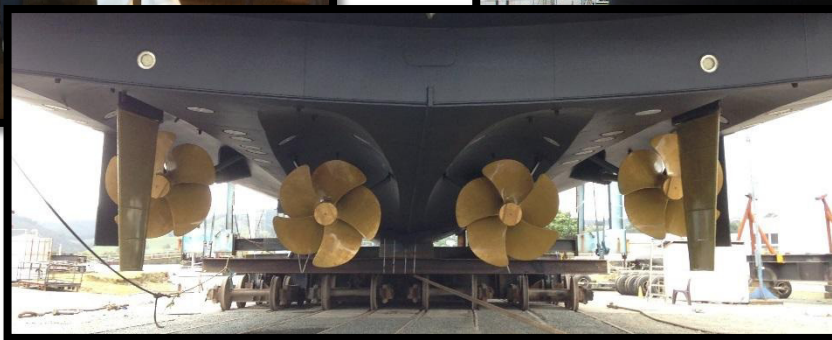
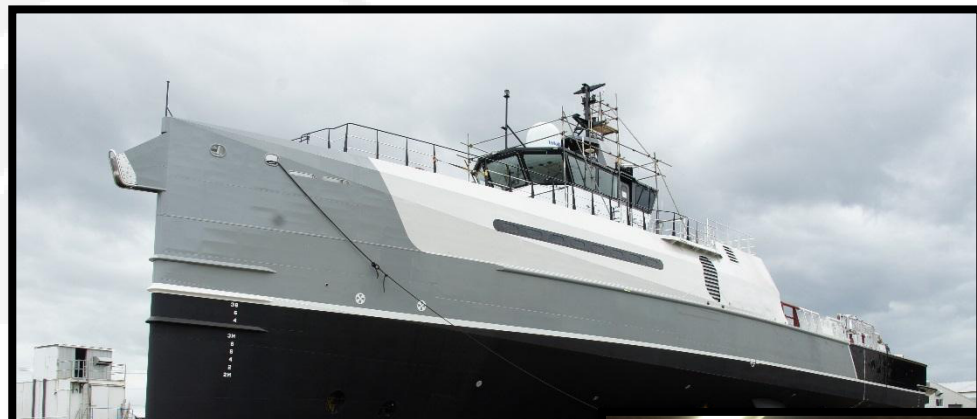
Propspeed is used worldwide on boats large and small, recreational and commercial, from sport-fishers, cruisers, sailboats and super yachts to work boats like ferries, trawlers, research ships and patrol boats.



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Advantage – SY support vessel



“One of the biggest Propspeed jobs we have carried out to date, we are sure that with the distances this vessel is due to cover in the future the owner will see the full benefit of Propspeed in terms of improved speed and fuel consumption, presumably double the props mean double the benefits for this client!” – Jim Loynes, Oceania Marine

The Big Blue, CA



The Big Blue travelled 32,000 nautical miles on a single application of Propspeed, over 2 years. The props were looking a little worn after this epic journey, but with a fresh coat of Propspeed, The Big Blue is back in the water ready for another couple of years of cruising.

Commodore Cruises & Events



With a fleet of 6 luxury yachts, Commodore Cruises & Events have been servicing the San Francisco Bay for nearly 25 years. Captain Morgan of Commodore Cruises has trialled Propspeed and likes the product so much that he is going to extend the use on to his other vessels.

Thanks for your time!

Want more info on applying Propspeed?

Have some new staff to train?

Check out our application video – available at
www.propspeed.com/application

Join the conversation – connect with us:

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 **Instagram**