



## FEATURES

- Offers exceptional protection against all types of fouling
- Easy to apply, environmentally friendly and safer to use
- Ablative finish reduces coating build-up and the need for sanding
- Contains drag reducing PTFE and is easily burnished for maximum hull speed

**Approval:** NZ HSNO – Reg: HSR000041

## RECOMMENDED USES

**Hydrocoat** is the most advanced water-based, ablative antifouling available.

It offers exceptional multi-season protection against most types of fouling.

**Hydrocoat's** innovative technology replaces the harsh solvents found in most bottom paints with water, resulting in an easier application and clean up, with no heavy solvent smell.

**Hydrocoat's** ablative surface wears away with use, exposing fresh biocides while eliminating paint build up and the need for sanding. The low-odour formula is so environmentally friendly, it exceeds even the most stringent air pollution regulations.

**Hydrocoat** withstands frequent trailering, beaching, and launching. Its unique formula allows unlimited dry time to launch, so you can paint in the autumn or winter.

### Limitations of Use:

- NOT suitable for aluminium hulls and outdrives

## SPECIFICATION DATA

<b>Coating Type:</b>	Waterbased Emulsion
<b>Availability:</b>	New Zealand only
<b>Volume Solids:</b>	40% ±2%
<b>Colours:</b>	1240 Blue 1840 Black
<b>Packaging:</b>	4 litre can Single component
<b>Gloss:</b>	Flat
<b>Flash Point:</b>	>93°C
<b>Thinner:</b>	Water (clean, potable)
<b>VOC:</b>	150 g / litre
<b>Storage:</b>	Store under cool, dry conditions
<b>Shelf Life:</b>	24 months at 24°C

When kept at recommended storage conditions and in original unopened containers. For products/components exceeding the stated shelf life, contact Technical Services for further advice.

### Application Data:

Do not apply in extreme conditions below a minimum of 10°C and a maximum of 32°C

### Theoretical Coverage Rate:

10 sq. metres per litre at 40 microns DFT  
2 coats recommended (with an additional coat at waterline)

### Recommended Film Thickness Per Coat:

100 microns wet to obtain 40 microns dry

**Application:** Spray, brush, or roller

### Dry Times-Hours\* (40µm DFT / 50% RH):

	Touch	Recoat	Launch
10°C	1 hour	6 hours	48 hours
21°C	30 mins	3 hours	16 hours
32°C	15 mins	1½ hours	12 hours

\*The above dry times are minimums. Hydrocoat may be recoated after the minimum time shown. There is no maximum dry time before launching.

**IMPORTANT:** Failure to adhere to recoat times and launch times will likely cause deformities in the film and impact the antifouling performance.

## SURFACE PREPARATION

All surfaces must be sound and free of oil, grease, dirt, loose and flaking paint, moisture, and other foreign substances prior to application of antifouling.

Hydrocoat is designed to be applied over both two component and single component Altex underwater systems. It is also compatible with a wide range of anti-corrosive and anti-fouling coatings, including most cuprous oxide containing, copolymer types.

Consult your AY&B Representative for specific recommendations regarding compatibility or repairs to existing coatings.

**Primers:**

**Two Pack:** Hydrocoat is usually applied over **AY&B Epoxy Primer** or **AY&B Epoxy Barrier Undercoat**. Apply Hydrocoat Antifouling when the Epoxy Barrier Undercoat is tack free but still soft to finger pressure. If the epoxy has cured too hard, apply another thin coat of epoxy before applying Hydrocoat Antifouling – Refer to AY&B Epoxy Primer data sheet for recoating times with Hydrocoat Antifouling

**Single Pack:** Use either **AY&B PrimaShield Antifouling Sealer**, (for sealing unknown antifouling / spot repairs) or **AY&B MultiPurpose Primer**.

**Repainting:** High pressure water clean (5,000 – 10,000 psi / 330 – 660 bar) to remove all marine growth, hydrolysed antifouling, salts, loose paint, and any other foreign matter.

**OR:** Low pressure water clean (3,000 psi / 200 bar minimum) to remove all marine growth, hydrolysed antifouling, salts, loose paint, and any other foreign matter.

AND - Wet sand the surface with 80 grit sandpaper to ensure total removal of any remaining contaminants, including residual hydrolysed antifouling and slime. Rinse thoroughly.

The cleaned surface, once dry should be free of any powdered antifouling residues and should be inspected for defects in the film. Existing anti-fouling must be well adhered and intact, and not excessively overbuilt.

Repairs to the coating system should be completed before the application of any subsequent coat of antifouling. To ensure good adhesion, any exposed primers / undercoats should be thoroughly sanded (80 grit), de-dusted & spot coated with the appropriate primer before application of any antifouling.

Thorough wet sanding is recommended at the waterline, as the wet / dry cycle and UV exposure can cause premature failure if there are any remaining brittle or crazy cracked coatings.

## DIRECTIONS FOR USE

**Mixing:**

This product contains a high level of cuprous oxide. As a result, there is a tendency for settling to occur. It is necessary to thoroughly power mix before using. Check the bottom and sides of the can to ensure all the pigment has been mixed in. Stir occasionally during use to re-distribute any settling that may occur during application.

**Thinning:**

For spray application, Hydrocoat Antifouling does not normally require any thinning, except possibly in hot windy conditions. Thin up to 10% if required with clean fresh water.

**Clean-up:**

Use clean fresh water.

**Application:**

Hydrocoat Antifouling can be applied by spray, brush, or roller.

When rolling, use only a high-quality short nap (maximum 5mm nap) roller cover. Apply using thin coats; over-application of this product will virtually assure inadequate coating performance.

*To apply Hydrocoat, by roller to aged antifouling, the following technique will help ensure a smoother finish: Thin the paint approximately 5-10% with clean fresh water. Then dampen down the surface to be painted evenly with clean fresh water as well (allow excess dripping water to run off before proceeding). This aids the "hold out" of the coating, resulting in a truer colour and smoother finish. Slight variations in colour and surface texture are not uncommon and should not be viewed with dismay. The surface quickly smooths itself once in the water and any mottling of the colour will diminish as well.*

## PRECAUTIONS

For DIY & Professional Use: Read and follow all the caution statements on this Product Data Sheet, the product label, and the Safety Data Sheet (SDS) for health and safety information prior to use.

**Hydrocoat** is non-flammable, however adequate ventilation is required as some VOC is present. May cause eye and skin irritation. Do not breathe vapour or spray. Wear suitable protective clothing such as gloves and eye and face protection.

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**Important Information**

*No antifouling paint can be effective under all conditions of exposure, and the performance of this antifouling product depends on many factors beyond the control of the manufacturer, including but not limited to, variables during application and curing, climatic and environmental conditions both global and local during exposure, and acts of nature. Some fouling species may become resistant to the approved biocides used in this product. We cannot and do not warrant that this product will be suitable for your particular purpose or application and no liability whatsoever is accepted by us. Any information provided by us is provided as a guide only, based on our field experience and raft trials. It is provided without warranty, express or implied. It is your sole responsibility to determine the suitability of the antifouling product for the use contemplated. Ensure you have the latest product datasheet and material safety data sheet from the manufacturer or supplier. Check the data sheet issue date with the listings at [www.altexcoatings.com](http://www.altexcoatings.com). Altex Terms and Conditions of Trade, available at [www.altexcoatings.com](http://www.altexcoatings.com), apply in respect of all coating products and materials supplied, including samples.*

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