

# MacGlide™ film benefits



## Marine organism protection

MacGlide™ film does not erode in water, and contains no biocide. Movement of micro-organisms from one area to another is made less likely by the excellent anti-fouling performance of MacGlide™ film



## Unmatched ease of maintenance

Remove stains with a sponge or soft brush.



## Self-cleaning

Fouling falls off from speeds of 7-8 knots.



## Proven throughout Europe

Suits all types of boats up to 40 metres.



## 5-year durability

Compared with 6-8 months for toxic anti-fouling agents.



## Fuel savings

Use around 5 to 6% less.



## Increase Sailing speed

Estimated to 4-5% according to hull design



## Economical

Lower maintenance costs over a period of 5 years.



## Unmatched gel coat protection

MacGlide™ film is impermeable to water, reducing osmosis and ensuring lower hull moisture content than any conventional antifouling paint solution.



# Enjoy the sea, protect the planet!



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www.macglide.eu



**MacGlide™**  
Eco-friendly fouling protection and release film



## The challenge

150 000 tons of antifouling paints are used across Europe each year, and every square metre of applied paint contains around 15g of biocide - capable of contaminating 150 000 m<sup>3</sup> of water. It means that such paints cause damage to the marine environment. They also create a need for frequent repainting.

## An ecological revolution

From two world leaders:

**mactac** brand of Avery Dennison - manufacturer of high performance self-adhesive films

**PPG** supplier of high tech paints and coatings

**Mactac and PPG joined forces to create this innovative and non-polluting alternative to conventional anti-fouling treatments.**

The good news is that helping the environment also improves protection for your boat - with less maintenance and lower overall costs.

**High performance MacGlide™ adhesive film is good for your boat, for your wallet, and for marine fauna and flora.**

**MacGlide™ film offers excellent built-in dirt repelling properties** (patented). It protects your hull from colonisation by marine organisms without using biocides or pesticides - avoiding transport of these micro-organisms between ports across the globe. It means you are helping to protect marine life as well as your boat when you choose MacGlide™ film instead of paint. You are also safeguarding human health in shipyards, by avoiding any exposure to toxic biocides. And because your boat can go further and faster, **MacGlide™ film helps you to enjoy your time at sea more than ever before.**

## MacGlide™ fouling protection and release film

- MacGlide™ film is the result of several years of research and development.
- 5 years of tests on sailboats and motorboats in all European waters have shown how effectively the film prevents fouling.
- The material is self-cleaning - fouling falls off by itself when boats regularly reach speeds of 7-8 knots.

Plate immersed in Istanbul. Static immersion over 3 months



Without MacGlide film

With MacGlide film



« I chose MacGlide™ film because I was already aware that the film was better than paint at stopping marine organisms from fouling the hull, and because I knew that it was a more ecological solution. The film was applied on one of my rudders, with the other rudder left painted. I saw the difference at the end of one year: the painted rudder was very difficult to clean, whereas the one covered in MacGlide™ film had much less fouling, and it was removed very easily. »

**Ronan Guerin** - France  
Skipper Trimaran racing 42 feet



## MacGlide™ film application

- MacGlide™ film is a self-adhesive film that suits **all types of boats** (motor and sail) under 40 metres that are designed to reach speeds up to 30 knots.
- Motorboat owners will see **reduced fuel consumption** (typically 5-6% less), and sailors will enjoy higher maximum speeds. The film will last up to five years - compared with 6-8 months for existing anti-fouling agent performance.
- The film performs well in all European waters, and offers **important cost benefits** over its five-year life. As a rough guide, installation on a 10m-long boat (material supply and application) should cost around €2700-€3200 including VAT - equivalent to approximately €540-€640 per year over the product's lifetime. By comparison, anti-fouling paint costs around €600 to €800 every year.