

Most of our customers have experienced the following **MacGlide™ 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 fouling release performance of MacGlide™ film



**Unmatched ease of maintenance**

Remove stains with a sponge or soft brush.



**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



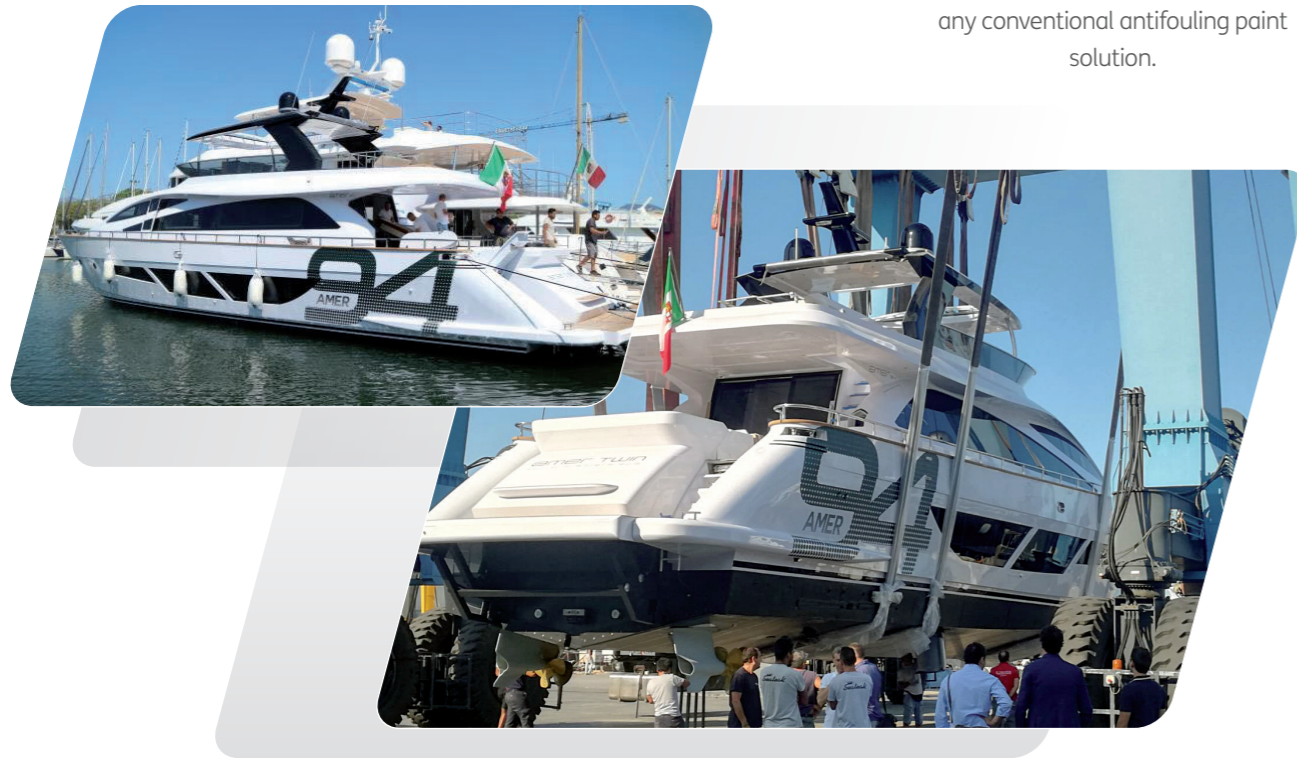
**Economical**

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!



Graphic design: Nathalie LANDOT - Photos : shutterstock, DecoAlder, Mactac - 2021

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[www.macglide.eu](http://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>

## 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.**

of water. It means that such paints cause damage to the marine environment. They also create a need for frequent repainting.

**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.**

## A great time-saver in maintenance

As the MacGlide™ film contains no biocides or pesticides, some slime may appear with time. However, the highly slippery surface when wet of the MacGlide™ film will prevent the marine

organisms from strongly adhering to the boat hull. Cleaning will therefore be very easy with the simple use of a sponge!

## 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 very easy to maintain with a soft sponge. The more regular the cleaning, the easier it remains to have a neat hull!

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, excepted wooden ones) 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.
- Remark:** The silicon nature of the MacGlide™ top layer makes it sensitive to scratches and mechanical shocks. For optimal performance, **regularly clean** the hull and repair the small damaged areas.