

Hempaspeed TF

The future is now -
sustainable solution for
underwater protection.

hempelyacht.com



Key Features

- ✓ Hard, thin-film, biocide-free
- ✓ Suitable for all waters
- ✓ No run-off contamination
 - ✓ Easy to convert
 - ✓ Ultra-smooth finish
- ✓ Minimizes growth & drag

PATENT PENDING

New technology for underwater protection - Hempaspeed TF



Available in shades:

-  True Blue
-  Ultimate White
-  Black
-  Penta Grey

Hempaspeed TF is a high performance, hard biocide-free, thin-film coating.

New patented technology

The newest technology in Hempaspeed TF combines the best of traditional tough thin-film coatings with Hempel's patented hydrogel fouling release technology, and creates a fusion hybrid antifouling that is completely biocide-free. It has all the qualities of a robust hard antifouling with an ultra-smooth finish and is suitable for use in all waters (both salt and fresh waters, lakes and rivers).

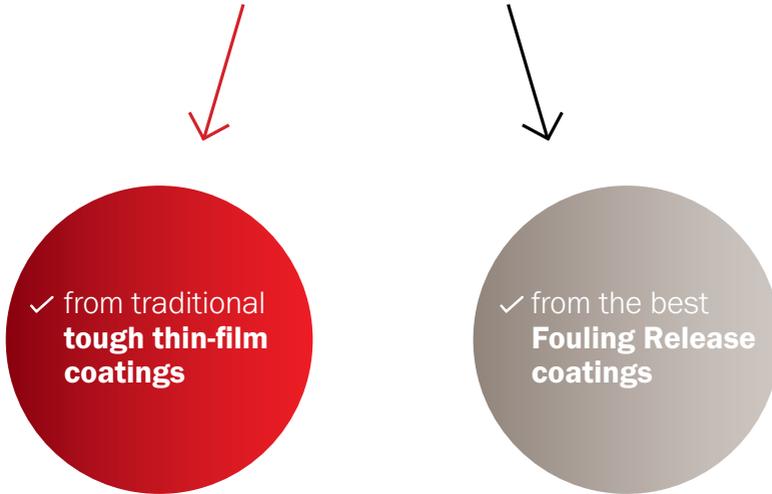
It minimises growth & drag, is extremely easy to clean even with high pressure washing, and with no risk for run-off contamination.

For which type of boats and waters?

The Hempaspeed TF is a perfect fit for pleasure boats sailing on lakes & rivers, for regatta sailing boats, racing boats and trailer boats, especially for areas where restrictions do not allow use of biocides.

How does it work?

Through infusion of our patented **hydrogel technology** into a traditional robust **acrylic** film.



What makes Hempaspeed TF a good choice?

- ✓ Thin-film biocide-free
- ✓ Robust hard antifouling
- ✓ Ultra-smooth finish
- ✓ Minimizes growth & drag
- ✓ Easy to convert
- ✓ Suitable for all waters (salt & fresh waters - lakes and rivers)
- ✓ Easy to clean fouling & rough to stand boat washers
- ✓ No run-off contamination
- ✓ No chemicals needed when cleaning
- ✓ Safe use for Alu hulls

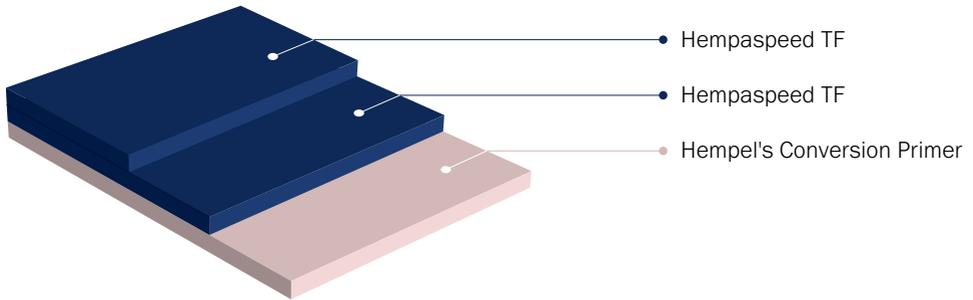
General Application Advice

- Please read and carefully follow all the instructions on the label before painting.
- Consider the total process including surface preparation and paint specification.
- Painting should be avoided if there is a risk of rain.

Application

CASE 1 - Conversion system on top of old antifouling

Apply layers of the system as indicated below:

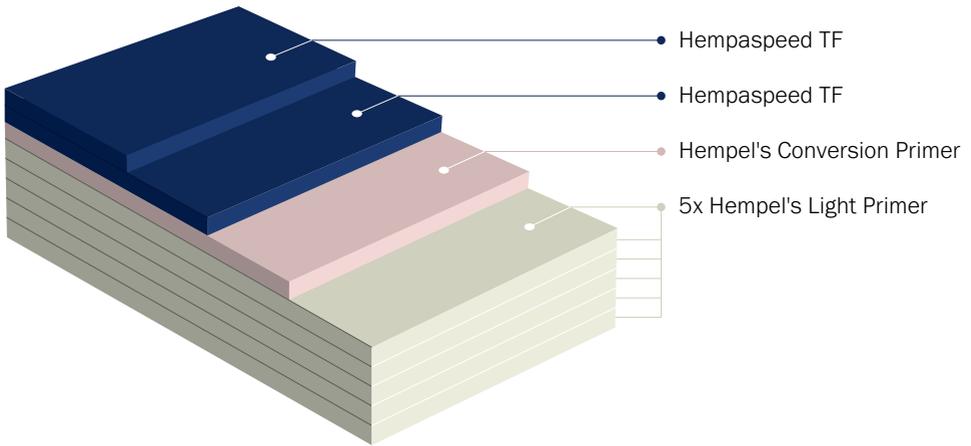


For full season protection - no need to remove old coating, just 1 coat of Hempel's Conversion Primer needs to be applied before applying 2 coats of Hempaspeed TF.

Can be overcoated after:							
Layers	Hempel's	10 °C		20 °C		30 °C	
		Min	Max	Min	Max	Min	Max
1.	Conversion Primer	1h	6h	30min	3h	30min	2h
2.	Hempaspeed TF	8h	No max	4h	No max	3h	No max
3.	Hempaspeed TF						

CASE 2 - New hull system

Apply layers of the system as indicated below:



For a full season protection, the substrate needs to be sealed with Hempel's Light Primer (300µm dft) before applying Hempel's Conversion Primer and 2 coats of Hempaspeed TF. Follow stated overcoating intervals between the primer and product to ensure intercoat adhesion.

Can be overcoated after:							
Layers	Hempel's	10 °C		20 °C		30 °C	
		Min	Max	Min	Max	Min	Max
1.	Light Primer* (thinned 10%)	16h	60d	8h	30d	6h	22.5d
2.	Light Primer*	16h	60d	8h	30d	6h	22.5d
3.	Light Primer*	16h	60d	8h	30d	6h	22.5d
4.	Light Primer*	16h	60d	8h	30d	6h	22.5d
5.	Light Primer*	16h	60d	8h	30d	6h	22.5d
6.	Conversion Primer**	1h	6h	30min	3h	30min	2h
7.	Hempaspeed TF ***	8h	No max	4h	No max	3h	No max
8.	Hempaspeed TF						

*For a 60 microns coat
 **For a 25 microns coat
 ***For a 40 microns coat

New technology for underwater protection.

No matter if you are racing or just cruising...

No matter if in fresh or salt water...

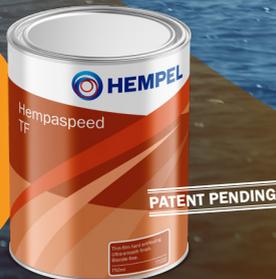
Respect yourself, your boat and the environment.

Use Hempaspeed TF.



Key Features

- ✓ Thin-film hard antifouling
- ✓ Ultra-smooth finish
- ✓ Biocide-free



Hempaspeed TF is a high performance, hard, thin-film coating. Forms an ultra-smooth surface that minimizes growth and reduces drag. For use as an antifouling for boats of glass fibre, steel and aluminium. Suitable for pleasure boats and racing / regatta boats. Ideal for both fresh and salt water use.



Hempaspeed TF

New technology for underwater protection

As a world-leading supplier of trusted coating solutions, Hempel is a global company with strong values, working with customers in the protective, marine, decorative, container and yacht industries. Hempel factories, R&D centres and stock points are established in every region. Across the globe, Hempel's coatings protect surfaces, structures and equipment. They extend asset lifetimes, reduce maintenance costs and make homes and workplaces safer and more colourful. Hempel was founded in Copenhagen, Denmark in 1915. It is proudly owned by the Hempel Foundation, which ensures a solid economic base for the Hempel Group and supports cultural, social, humanitarian and scientific purposes around the world.

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