

EN SEABOOST EASY CLEAN PROTECTIVE ISH COATING SYSTEM FOR BOAT HULLS

Seaboost Easy Clean is a biocide and PFAS-free coating for boat hulls based on ISH (Interconnected Siloxane Hybrid) technology. The system consists of Seaboost 2K Epoxy Primer and Seaboost Easy Clean topcoat. You can easily tint this system; by following the instructions You find in Seaboosts web shop at product Tinting pastes (Mixel).

The extremely hard and durable ISH surface protects the bottom against humidity and corrosion with an estimated service interval of 8 years. This system is developed to withstand cleaning methods such as harsh brushes and nylon scrapers and is developed for boat hulls that are cleaned from fouling during the season.

The need to clean the bottom at the Baltic Sea is approx. 3 times during the season, and especially after the barnacles have settled in late July and early August. You can clean the bottom while the boat is launched with Seaboost Powerbrush or Powerturf, which keeps the bottom clean without separate efforts. Washing results at boat brush stations and with pressure wash, also benefits with Easy Clean.

The operating principle and economics are simple. Paint less and use the time and money saved to clean the bottom during the season. A rock-hard surface that even moderately withstands driving in ice means minimal wear of microplastics and other environmentally harmful substances. You make an ecological choice that also benefits the boat's performance.

In the end of the season, clean the surface mechanically, for example with a brush or pressure washer, and if necessary, with a nylon or wooden scraper. Scouring agents, including scouring pads with harsh abrasives can damage the surface. The surface does not lose its property when the boat is stored ashore.

If needed, you can use detergents for washing the bottom when docked. Easy Clean withstands different types of chemicals well. Despite this, always ensure in a small area that the substance you use does not harm the surface. We have tested StarBrite hull cleaner and StarBrite barnacle remover with good results.

The operating principle and economics are simple. Paint less and use the time and money saved to clean the bottom during the season. Minimal wear of microplastics and other environmentally harmful substances makes this product stand out from other eco paints that require more frequent painting. Easy Clean is truly an ecological choice that also benefits the boat's performance.

ATTENTION! Carefully follow the product's safety instructions, which you will find on the packaging. More extensive information can be found in the safety data sheets at www.seaboost.fi/product/primer-2k-epoxy and www.seaboost.fi/product/easyclean-hullpaint under instructions. Remember that a good result requires that you carefully follow the instructions below.

APPLICATION

Preparation of suitable materials

The system consisting of Seaboost Primer and Easy Clean topcoat can be painted on fiberglass/gelcoat/aluminium/iron/steel surfaces, as well as 2K epoxy surfaces, Seaboost Overdrive surfaces and Seaboost Easy Clean surfaces. Clean the surface carefully from dirt, grease, wax and other foreign substances with substances suitable for the purpose. Then rinse with water and sand the surface carefully with 60-100 grit sandpaper. Especially old Overdrive surfaces and other painted surfaces with structures should be sanded completely even for the primer to adhere properly. If you wish, you can smooth out the sanding marks with smoother grit. When grinding or blasting metal, you should use sandpaper or media that is suitable for metal surfaces. Finally, remove all dust from the surface, and make sure it is dry and clean before painting.

Old antifouling paints and other unknown paint layers must be removed completely to a clean and intact surface (the above-mentioned suitable substrates). Then prepare the surface according to the instructions above.

When it is time to renovate old Easy Clean surfaces, you can prepare the surface according to instructions above and paint Easy Clean direct to the surface. However, you will always get the best and safest adhesion when you paint a layer of Seaboost Primer under the new layer of Easy Clean. Easy Clean is transparent, so any discoloration and unevenness are visible through the layer, which also speaks in favor of a primer layer in between.

Easy Clean surface may acquire a milky surface when the boat is launched. Also painting thicker layers than recommended with Easy Clean can result in a milky surface visible on darker colors. Therefore, we recommend that you use light-colored primer surfaces underneath. Seaboost Primer signal grey, is a good choice.

Seaboost Primer theoretically covers approx. 10.5 m² / 1 l, when painting 0.95 dl / m² and Seaboost Easy Clean theoretically covers approx. 14 m² / 1 l when painting 0.7 dl / m². Note the size of the package and plan how many layers you will paint. By reserving enough paint, you ensure that unnecessary work, such as sanding between layers, does not occur. Keep Seaboost SBC0010 Thinner on hand to thin the Primer and Easy Clean if necessary, and to clean work tools and paint splashes.

Recommended film thickness for the Seaboost Easy Clean paint system		
boats in seasonal use	Primer dry-content of volume ~53% weight ~1,32 kg/l minimum ~100 µm (dry) = apply 2 layers ~ 0,95 dl / m ² / layer	Easy Clean dry-content of volume ~98% weight ~1 kg/l minimum ~70 µm (dry) = apply 1-2 layers ~ 0,7 dl / m ² / layer
year-round launched boats	minimum ~250 µm (dry) = apply 5 layers ~ 0,95 dl / m ² / layer	minimum ~135 µm (dry) = apply 2 layers ~ 0,7 dl / m ² / layer
Mixing ratio for the system		
	Primer	Easy Clean
mixing	by volume / mix thoroughly	by weight / mix thoroughly by whisking or shaking
mixing ratio	4 parts base and 1 part hardener / or the whole package at once	100 g base ja 22 g hardener / or the whole package at once
Overpainting and launching:		
	+10°C	+20°C
Primer painted on Primer	at the earliest 6 hours and latest within 30 days	at the earliest 3 hours and latest within 15 days
Easy Clean painted on Primer	at the earliest 6 hours or on a tacky surface and latest within 20 hours	at the earliest 3 hours or on a tacky surface and latest within 10 hours
next layer of Easy Clean kerros	at the earliest 6 hours or on a tacky surface and latest within 10 hours	at the earliest 3 hours or on a tacky surface and latest within 5 hours
launching	at the earliest 24 hours	at the earliest 12 hours

NOTE! The given curing times are typical at the specified temperatures, when you use the recommended amount of paint per coat. Before launching, ensure that the surface is hard and can withstand mechanical stress that occurs when the boat is e.g. handled on a trailer. The surface reaches its final hardness in about 10 days, after which it can be exposed to heavy mechanical stress. If you exceed the recommended times for overpainting, the surface must be cured properly and then roughened thoroughly and cleaned before painting the next layer.

Temperature and conditions when painting

The surface to be painted should be clean and dry. When painting and when the paint is curing, the temperature should be between +10°C - +35°C, and the relative humidity in the air below 80%. In addition, the surface you are painting should be at least 3°C above the dew point of the air. Avoid painting in direct sunlight. Paint indoors in clean areas, if there is a risk of moisture, dust, dirt or other impurities landing on the surface.

Painting

Mix the amount of paint you need just before painting according to the instructions, and keep the containers closed when not in use. Mixing correctly and in the right proportion affects the result.

Use good quality painting tools that can withstand solvent-based paints. For example, a felt roller with a short pile of approx. 5-7 mm for the Primer and a felt roller with a short 5 mm pile or less for Easy Clean. Reserve enough rollers, especially foam rollers tend to wear and tear during work. Follow the consumption of paint and ensure that you apply according to the recommendations. Avoid rapid back and forth movements, which can cause you to get unnecessary air bubbles in the paint. Application can also be done with other tools such as a brush and by spraying. When spraying, the paint should be thinned with Seaboost SBC0010 Thinner according to the instructions supplied with the paint sprayer.

Warranty and liability issues

The last use date stated on the packaging applies to unopened packages, which are stored protected from direct sunlight and moisture at temperatures between +5°C and +35°C. It is often possible to use the product longer, but then quality can't be guaranteed. Each production batch is tested at the factory before it is released to the market, and a sample is also stored so that the quality of the product can be analyzed later if necessary. Please note that the warranty only covers problems that have arisen with products specified in the Seaboost painting system. In the event of a problem, the samples stored at the factory are analyzed. If the product turns out to be faulty, the product will be replaced with a new one. The warranty does not cover other costs caused by a faulty product. Therefore, it is important that you follow the instructions carefully and if you are painting larger projects it is recommended to carry out a test on painting before you start the main work.