



A small private company, located in Engels (Saratov Region, Russia), specializes in made-to-measure boat building where the bottleneck in the building process is finishing. They had been using antifouling enamel Tikkurila XC-5256 applied with inexpensive spray guns equipped with a gravity-feed cup. The application of enamel is important as it protects the submerged part of the boat's body against corrosion. However, this process was taking too long and was inefficient. The local Graco distributor in Saratov, Profft, was asked to find a solution to reduce overspray and to increase performance.

### **20% material savings**

As a solution, Profft offered the boat builder the Graco air-assisted airless unit Merkur™ ES. The use of the Merkur ES 30:1 unit makes it possible to reduce overspray. Now the coating can be applied just in one layer, instead of the two layers required when the old gravity-feed sprayer was used. As a result, material savings amount to about 20%.

### **Minimized dependence on weather conditions**

Performance has also increased which has made it possible to minimize the dependence on weather conditions as the coating can be applied outside the paint booth. The fan air pattern of the spray gun G40 can be adjusted slightly if necessary to reduce overspray. Finishing boats is no longer a bottleneck and the boat builder is happy with the increased performance and efficiency.

## END USER

ООО «АРМАДА»

## **Industry market sector**

Boat building

## CONFIGURATION

24F157 Air-assisted unit 30:1, max flow capacity 1,5 l/min. Configuration: material and air hose (7,5 m), spray gun G40 with tip 412 (spray angle 400, size 0,012" (0,3 mm)).

## APPLICATION

Boat building

## **Material specifications**

Antifouling enamel Tikkurila XC-5256

## **Typical properties**

A new generation of protective coatings with excellent chemical resistance properties. Protection of submerged body against corrosion. Antifouling enamel XC-5256 has excellent corrosion resistance, water resistance, weather resistance, oil-and-gas resistance and abrasion resistance properties.

## **GRACO Equipment** Mercur ES



## **GRACO Distributor**

Profft  
Prospect Stroiteley 10A  
410044, Saratov  
Russia

## **Contact Graco**

For more information go to [www.graco.com](http://www.graco.com)

To contact us, mail [info@graco.be](mailto:info@graco.be)

Want to receive more success stories?

Register on <http://news.graco.eu.com/>

Want to share YOUR story? Go to [www.graco.com/MyStory](http://www.graco.com/MyStory)

