



Customer : Royal van Lent Shipyard  
Product group : Industrial Plastics  
Market : Transport, aviation and maritime

## TEMPORARY SOLUTION FOR DAMAGE TO YACHTS DURING CONSTRUCTION OF NEW AQUEDUCT

Milled Multilene D panels offer protection and prevent damage



### CUSTOMER PROFILE

Royal van Lent Shipyard is located on the picturesque Kaag Island and builds luxury yachts of an average length of 150 feet. The company is a global market leader in custom-built motor yachts, and relies on innovation, technology and design.

### CHALLENGE

The imposing yachts of Royal van Lent Shipyard are launched and then sail to their destination. This journey mainly leads along the Ringvaart, across the Ringvaart aqueduct. Here, on the eastern side a whole new aqueduct was built as part of the widening of the A4 motorway.

During construction, a temporary steel barrier was built to strengthen the dike. This barrier narrowed the waterway. The play between the barrier and a yacht would now in some places be only four centimeters, creating a high risk of damage to the (polished) ship's skin. Royal van Lent Shipyard put the problem to ERIKS.

### SOLUTION

ERIKS looked for an effective and cost-friendly way to apply a protective layer to the barrier. In consultation with Royal van Lent Shipyard a choice was made for milled Multilene D bumpers known as fenders. These 25mm thick fenders are supplied fully modified and then fixed to the steel barrier profiles. It's a flexible solution, as some parts can simply be bent around the steel structure, but it's also very cost-effective.

It was used throughout the construction of the aqueduct. At a relatively minor spend, the risk of damage to the costly ships is removed. So the ships keep their value. When the aqueduct was finished, both the barriers and the fenders were dismantled easily, restoring the Ringvaart to its original navigable width.

### SAVINGS

- Cost savings

### OTHER BENEFITS

- Flexible solution
- Cost-effective
- Easy to fit and dismantle