

<b>Client:</b> <i>Port of Antwerp</i>	<b>Industry:</b> <i>Marine</i>
<b>Scope:</b> <i>Tugboat A-frame Repair</i>	<b>Date:</b> <i>2020</i>
<b>Location:</b> <i>Belgium</i>	<b>Product:</b> <i>RS 500P, RH 500, RP 500</i>

## Overview

A fleet of tugboats stationed in the Port of Antwerp had been selected for repair works, with one particular vessel chosen for this initial project in 2020.

The repair works involved replacing the old A-frame steel cables with new synthetic cables.

This project was carried out by **Marine & Industrial Protective Coating Solutions (MIPC)**.

## Challenge

In order to protect the cables from scraping over sharp edges, a coating system which could provide exceptional long-term abrasion (and high pressure) resistance was required.

This coating system also had to ensure a smooth surface for the cables to glide over.

## Solution

The surface was grit blasted to remove the existing coating from the A-frame.

One coat of **solvent-free, wet & rust tolerant** primer **RS 500P** was then applied, before the welding seams were 'flattened out' by applying **solvent-free, ceramic filler RH 500**.

Finally, two coats of **solvent-free, ceramic coating RP 500** were applied.

## Outcome

The project was successfully completed on time, within budget and with further vessels earmarked for the same coating repair system in future.

## Benefits

- **Solvent-free**
- Exceptional abrasion and erosion resistance
- Extremely hardwearing
- Exceptional chemical resistance
- Smooth finish
- Improved efficiency

**Continued overleaf**

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2



### Photographs:

- No. 1 Before Application
- No. 2 Completed Application

3



4



5



6



**Photographs:**

- No. 3 Before Application
- Nos. 4-6 Completed Application

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