

## Stern tube corroded

<b>Application:</b>	Rebuilding of corroded stern tube during dry-dock
<b>Place:</b>	The Netherlands
<b>Date:</b>	September 2017
<b>Job and report done by:</b>	Venus & de Waard as Wencon Service Partner in the Netherlands
<b>Wencon products used:</b>	UW Coating, Ceramic Cream, Ceramic Coating, Cleaner, appl. tools



1. & 2.

Stern tube found in very bad condition, due to bi-metallic corrosion. Cover has been attached to protect seals etc. before shot blasting of corroded area. Stern tube has been shot blasted to reach SA2.5, sweat out for water and salt by using a torch and shot blasted second time to reach 75 microns of roughness. All to obtain the best adhesion of Wencon products.



3. & 4.

First step: Wencon UW Coating brown is applied as a primer for optimal adhesion of further Wencon products. Adhesion for Wencon UW Coating is extremely high, even on wet or damped surface. Second step: Wencon Ceramic Cream applied to fill all the dents in the surface and to achieve a smooth surface area. The small ceramic particles in the Cream is providing extra wear resistance and strength.



Note: To be applied wet in wet, meaning one layer must be sticky when next layer is applied.

5. & 6.

At last one layer of Wencon Ceramic Coating has been applied to achieve a smooth surface. The benefit of Wencon Ceramic Coating is the strength and wear resistance, which is as good as Ceramic Cream.

