

## FAIRLEADS ASSEMBLY WITH BELZONA

### CUSTOMER

Shipyards, TURKEY

### APPLICATION DATE

November 2019

### APPLICATION SITUATION

Yacht with aluminum body

### PROBLEM

Conventional methods of installation fairleads result in voids between the fairlead and housing. Bi-metallic corrosion may occur between aluminum body and stainless steel equipment used.

### PRODUCTS

Belzona 1111 (Super Metal)

Belzona 5811 (Immersion Grade)

### SUBSTRATE

Aluminum housing and Stainless Steel fairlead

### APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet SOS-08. Application surfaces were prepared to achieve SA2½; cleanliness. Aluminum housing inner surface and stainless steel fairlead exterior surfaces cleaned. The fairlead is aligned to the aluminum housing mechanically. Sealing and assembly was done with Belzona 1111. The void in the fairlead pocket was filled with Belzona 5811 by injection method.

### BELZONA FACTS

Bi-metallic corrosion would occur between two different metals after assembly with welding. Belzona protects the metals from bi-metallic corrosion isolating two different metal surfaces with its adhesion and filling features. In this way, long lasting and more durable assembly has been achieved compared to traditional methods.

### PICTURES

1. Before application
2. After surface preparation
3. Application of Belzona
4. After Belzona application



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>

ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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