

# Ship Deck Got The Belzona Plate Bonding Treatment

ID: 9782

Industry: Marine

Customer Location: Hamilton, Ontario

Application: FPA-Floor Problem Areas

Application Date: March 2025

Substrate: Carbon steel

Products: Belzona 1111 (Super Metal), Belzona 5811 (Immersion Grade)

## Problem

Deck floor was experiencing deterioration around mess room top. With critical connections around the area, welding would be too much of a risk. Consultant contacted us and we suggested plate bonding to reinforce the area and protect from further damage.



Deck area after abrasive blasting.



Plate after abrasive blasting.



Both side by side.



Area after bonding.

## Application Situation

Belzona was chosen as the preferred option not only because it was safer and time efficient to apply but also gives extra protection to the area.

## Application Method

Area to be repaired and plate to be bonded were both grit blasted to SSPC SP10 level of cleanliness. Solvent wiping was done afterward to get rid of remaining contaminants after vacuuming. Belzona 1111 was applied separately on both area and the plate and then bonded together to give a wet on wet application. After stabilization, Belzona 5811 was applied on the area to seal the perimeter and also give extra protection.

## Belzona Facts

Belzona was safe to use without any extra PPE's and application was timely too.

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

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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