

Creating Non-Slip Diving Boards with Belzona

ID: 7783

Industry: Buildings & Structures
Application: FPA-Floor Problem Areas
Substrate: Metal
Products: * Belzona 5811 (Immersion Grade)
 Belzona 9221 (Surefoot Aggregate White) ,

Customer Location: Aquatic Center, KS, USA
Application Date: October 2018

Problem

People were constantly complaining that the coating and aggregate on the diving boards was too aggressive and cutting their feet when they used them. Belzona was called in to provide a long-lasting, less aggressive, but still just as safe solution to this problem.



Photograph Descriptions

- * Surface after being blasted. ,
- * Finished application of the second coat. ,
- * Surface after being blasted. ,
- * Finished application of the second coat. ,

Application Situation

These diving boards needed to be coated with a non-slip surface that was not super aggressive but still safe above all else.

Application Method

Application was carried in accordance with a modified version of Belzona Know-How System Leaflet FPA-8. The boards were sandblasted to remove all of the old coating and provide an excellent profile for the new application. After the boards were sandblasted they were vacuumed and washed with acetone. The boards were then coated with Belzona 5811. Belzona 9221 was heavily sprinkled across the tops of all the boards and then back rolled to ensure an even application of the aggregate and most importantly to encapsulate the aggregate granules. Encapsulating Belzona 9221 ensures that the application last longer by keeping the sure foot trapped with the coating rather than wearing or rubbing off or level. However this is also done to put a very thin layer of Belzona 5811 over the top of the granules to smooth out sharp edges so that they would not cut the feet of anyone using the boards.

Belzona Facts

This Belzona solution was chosen because it provided safety and comfort for the customers of the facility.

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

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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