

Belzona Seals Expansion Joints In a Ship Lock

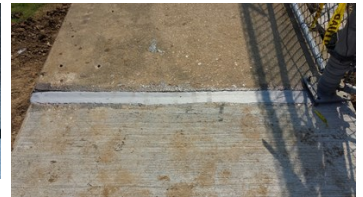
ID: 4751

Industry: Marine
Application: FPA-Floor Problem Areas
Substrate: Concrete
Products: * Belzona® 4522 ,
* Belzona® 4523 ,

Customer Location: Louisiana, USA
Application Date: August 2013

Problem

Water passing through the expansion joints and existing gaps in the retaining walls during the flooding seasons.



Photograph Descriptions

- * Backer rod inserted into the joint following the recommended configuration: Depth=1/2 Width ,
- * Belzona® 4911 Conditioner applied by brush prior to Belzona® 4522 application ,
- * Belzona® 4522 injected into the joint avoiding air entrapment ,
- * Application completed - expansion joints sealed with Belzona® 4522/4523 System ,

Application Situation

Expansion joints in retaining walls

Application Method

The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet FPA-6. A backer rod was

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

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inserted into the joint to achieve the correct joint configuration. The area of application was treated with Belzona® 4911 Conditioner. An injection gun was utilized to inject Belzona® 4522 into the joint avoiding air entrapment.

Belzona Facts

Sealing the joints with Belzona® 4522/4523 System helped avoid costly reconstruction of retention walls.

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