Belzona Seals Expansion Joints In a Ship Lock

ID: 4751

Industry: Marine

Application: FPA-Floor Problem Areas

Substrate: Concrete

Products: * Belzona® 4522,

* Belzona® 4523,

Problem

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







Customer Location: Louisiana, USA

Application Date: August 2013



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 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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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.

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

