

# BELZONA DAM LOCK SEALED

ID: 188

**Industry:** Water / Wastewater  
**Application:** GSS-Gaskets, Seals and Shims  
**Substrate:** Carbon Steel  
**Products:** \* Belzona® 2211 (MP Hi-Build Elastomer) ,  
\* Belzona® 2911 (QD Conditioner) ,

**Customer Location:** Dam in Florida, U.S.A.  
**Application Date:** November 1998

## Problem

Lower seal on locks were leaking due to irregular metal-on-metal seal caused by cavitation.



## Photograph Descriptions

- \* The culprit ,
- \* Surface preparation complete ,
- \* Work in progress ,
- \* The lock is sealed ,

## Application Situation

Locks on Dam

## Application Method

Application was carried out in accordance with a modified version of Belzona Know-How leaflets GSS-5 and SOS-10a.

## Belzona Facts

Tremendous coordination was necessary between the contractor and the Army Corp of Engineers. Each door of the lock is 47 feet wide. Following surface preparation by grit blasting, product was applied to one side, TurtleWax® used as release agent to entire length of door seal.

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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manufactured under an ISO  
9000 Registered Quality  
Management System.

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