



*Rumford Industrial Group Inc.*

**Chemical Containment Area Repair | August 2009**

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**Did You Know?**

Anywhere and anytime, RIG/CIG consultants and applicators fly to the rescue of industry. We are able to rebuild damaged concrete chemical containment areas and make them last. The use of Belzona is faster than conventional methods, foiling the chemical attacks on concrete, escaping the costs of replacement while restoring the area to a better than new condition.



**General view of the containment area.**



**Belzona® 4911 and Belzona® 4141 applied.**



**Belzona® 4311 coat interrupted.**

Greetings,

We here at Rumford Industrial Group would like to inform you on what can happen when a concrete area, used for chemical containment, goes bad. The major repair problem when concrete becomes damaged is the fact that, generally, new concrete will not successfully bond to old concrete. This means that any repair done cannot be classed as permanent and in some extreme cases must be renewed annually or, at best, at regular intervals.

The Belzona® 4000 Series of products are designed specifically to overcome the problems which arise with conventional repair techniques. Their “high build” capability, fast cure, high strength and chemical resistant properties make them the ideal choice for permanent repair to concrete surfaces.

***Belzona® Repairs and Improves Containment Areas:***

***Customer:***

Chemical Manufacturing Company

***Application Date:***

April 2005

***Application Situation:***

Protect new containment area for concentrated acid storage tanks.

***Problem:***

Old containment’s rubber liner had failed from use and UV damage. Protection of new containment was required for continued use of acid mix down plant.

***Products:***

[Belzona® 4141 \(Magma-Build\)](#)

[Belzona® 4911 \(Magma TX Conditioner\)](#)

[Belzona® 4311 \(Magma CR1\)](#)

***Substrate:***

Concrete

***Application Method:***

Application was carried out in accordance with Belzona Know-How System Leaflets listed below:

[HOW TO:](#) Seal and protect containment (bund) areas.

[HOW TO:](#) Repair damaged concrete and restore drainage.

[HOW TO:](#) Protect floors and drains against chemical attack.

***Belzona Facts:***



Belzona® 4311 applied over night, completing the application process.



[Listen to this live interview!](#)

Concrete Containment Area Repair Solutions

Who: Brandon Carpenter

Company: West Carrollton Parchment

Storage of 98% Sulfuric Acid and concentrated Hydrochloric Acid and mix down tanks for bottling of Muriatic pool acid requires capacity for full containment of these acids as required by governmental mandates in many parts of the world.



*Click image above to watch a similar process!*

This video shows the use of Belzona® to repair and protect concrete containment areas effectively and easily in any situation. We hope you enjoy, and benefit from the video, interview and case history given in this newsletter.