

# BELZONA RESCUES CELL PHONE ANTENNAS

ID: 5246

Industry: General Industry  
Application: TCC-Tanks and Chemical Containment Areas  
Substrate: Steel  
Products: \* Belzona 1111 (Super Metal) ,

Customer Location: Deer Park, WA, USA  
Application Date: June 2014

## Problem

A series of steel plates with expensive cell phone antennas mounted to them on this water tower were found to be failing. The previous product had dis-bonded and they were no longer attached to the water tower.



## Photograph Descriptions

- \* 1. Failing plate in place ,
- \* 2. Failed plate ,
- \* 3. Application complete ,
- \* 4. View from the ground ,

## Application Situation

Steel mounting plates.

## Application Method

Previous material was removed, the surface of the plates were ground clean, and then roughened as well as the sides. The four sides of the plate were also chamfered to produce an additional mechanical bond once the Belzona 1111 had cured. The steel surface of the water tower was also ground to remove the previous material and then prepared with the MBX Bristle Blaster. Belzona 1111 was then mixed, and applied and the plate was remounted in it's original position.

## Belzona Facts

Belzona 1111 Super Metal was being used on this site for new cell antenna mounts when the failing mounts were discovered. Unnoticed, the failed mounts could have cost the cell phone company tens of thousands of dollars in equipment had they fallen, plus the potential physical danger to anyone in the area below.

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

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