

BELZONA REPAIRS A BULLET HOLE ON A MEMORIAL

ID: 5661

Industry: Buildings & Structures
Application: VPF-Valves, Pipes and Fittings
Substrate: Aluminum
Products: * Belzona 4111 (Magma-Quartz),

Customer Location: Seattle, WA, USA
Application Date: July 2015

Problem

Someone had fired a bullet at the statue. The bullet struck the metal band from behind resulting in a mushrooming effect out of the face. This statue has water running over the front of it and because of the metal being pushed out from the bullet it was beginning to streak and stain causing discoloration of the metal.



Photograph Descriptions

- * The statue with the bullet hole visible. ,
- * The bullet hole up close / The bullet hole prepped. ,
- * The completed repair. Front / Back. ,
- * The repair from 40' away, virtually invisible. ,

Application Situation

City park memorial statue.

Application Method

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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The damaged metal was ground down leaving a rough and slightly concave area. The Belzona 4111 resins were mixed and used to condition the surface. The Belzona 4111 aggregate was then added to the resins until it was of a thick and "dry" consistency. A piece of tape was mounted to the back after applying a layer of Belzona 4111 to hold the Belzona 4111 in place until it cured. The front surface was then packed full and tight, then the excess was carefully removed, and the remaining Belzona 4111 smoothed off.

Belzona Facts

6 teaspoons of Belzona 4111 were used for this repair. The alternative was to weld which would result in heat distortion and discoloration. Belzona 4111 was a near perfect match to the color of the metal. The repair of this memorial statue has been on hold for several years because they did not want to further damage the statue by trying to repair it.

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