

# Local Firehall

ID: 9590

Industry: Buildings & Structures  
Application: WPA-Wall Problem Areas  
Substrate: Concrete  
Products: Belzona 4111 (Magma-Quartz)

Customer Location: Abbotsford BC  
Application Date: June 2022

## Problem

Rebar was being attacked by moisture and causing it to spall.



Before repainting the firehall the customer needed to make sure that the walls were repaired.



All loose areas were removed.



After patching the area using Belzona 4111 magma quartz an angle grinder and sanding disc were used to achieve smoothness and a good transition between the old and new coating.



Once smoothed out, the area was left for the painting crew to repaint.

## Application Situation

Concrete would have taken longer to cure and not offered the same properties as Belzona 4111.

## Application Method

Angle grinder, trowels and sanding discs were used to prep and apply

## Belzona Facts

Belzona was able to do this repair faster and use a more reliable product than any of the other options.

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

Copyright © Belzona International Limited 2025

  
**BELZONA®**  
Repair • Protect • Improve