

# Slippery metal? Belzona It.

ID: 8653

## Industry:

Application: FPA-Floor Problem Areas

Substrate: Steel

Products: \* Belzona 1821-fluid metal and Belzona 9221 surefoot aggregate ,

Customer Location: NW Washington

Application Date: October 2021

## Problem

Even though the vault cover was diamond plate, it was found to be slippery when wet. At the location of this vault, it rains 150 days per year on average, resulting in a slippery surface in the middle of a sidewalk for almost half of the year.



## Photograph Descriptions

- \* 1. Grinding the surface of the vault cover ,
- \* 2. Applying the Belzona 1821. ,
- \* 3. Applying the Belzona 9221. ,
- \* 4. Application complete. ,

## Application Situation

Metal diamond plate underground vault cover.

## Application Method

A grinder was used to roughen the surface, and then washed down with solvent to clean off any contamination. The Belzona 1821 was mixed and applied by brush to ensure maximum adhesion, and finished by using an applicator to spread it out evenly. The Belzona 9221 aggregate was then sprinkled to refusal and packed into place using a wooden block. After 4 hours, the excess aggregate was vacuumed up leaving a clean non-slip finish.

## Belzona Facts

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.

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One of the most common non-slip options on the market is the peel and stick tape. While inexpensive, it usually wears out quickly and peels up leaving a slip hazard again. Belzona non-slip solutions have been known to last 5 to 10 years or even longer while providing the same level of safety as the day it was applied. Other options with Belzona non-slip solutions include safety yellow or other custom colors. The size and type of aggregate can also be customized to the required level of traction from super fine to extremely aggressive depending on the type of traffic it will be exposed to.

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