

# Belzona 3111 flexible membrane saves roof at North Dakota Mine

ID: 9981

**Industry:** Buildings & Structures  
**Application:** RPA-Roof Problem Areas  
**Substrate:** Aluminum  
**Products:** Belzona 3111 (Flexible Membrane), Belzona 3921 (GSC Surface Conditioner), Accessories, Spray Instructions

**Customer Location:** Beulah, North Dakota  
**Application Date:**

## Problem

Roof area approximately 3500 sq ft had rust over 50% and very small holes and the seams were severely leaking. Building overhang out at unloading area at Mine.



Picture of roof before starting application



Prior to application of Belzona 3111



Belzona 3111 applied on 100% of roof with mesh installed on all seams fully reinforced.



Belzona 3111 flexible membrane fully reinforced roof.

## Application Situation

The client was looking at a new roof built. Belzona was finally offered the contract. We ordered about \$28,000.00 worth of product and took about 3 weeks to complete this application. This job started with seams fully reinforced with mesh and 1 coat of Belzona 3111 and the second coat was sprayed and finished with. The client, a happy customer, saved on spending on a new roof worth \$78,000.00.

## Application Method

Seams were hand applied with mesh reinforced into the Belzona 3111. The 2nd coat was sprayed on with Graco small sprayer. The contractor used 3 people in total to complete this job.

## Belzona Facts

Cheaper to encapsulate and protect the entire roof with Belzona 3111, which was \$28,000.00 compared to \$78,000.00 for new roof.

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FS 695214  
ISO 14001:2015  
EMS 695213

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