



# Project Profile

Abbott Tool & Die Inc.

O'FALLON, MO

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## Abbott Tool & Die Inc.

O'FALLON, MO

### The Project

Located in O'Fallon, Missouri, Abbott Tool & Die Inc. provides turnkey, solid die building, design, assembly, metal stamping, and MIG/TIG welding services.

The company has a 35-year history in the automotive, appliance, recreational vehicle, commercial construction, agriculture and heavy-duty equipment industries. Housed in a standing seam metal building with a metal roof that had sustained hail and storm damage, the building owner opted for a single-ply re-cover with a warranty for hail protection.

### The Challenge

The building owner had damage from a previous hail storm and wanted to recover the roof for added protection from future storms. IKO Commercial Field Service Technician Andrew Shafer said, "They chose this system because impact resistance was very important to the building owner."

### The System

IKO's Innovi™ TPO 80-mil Adhered Roofing System was selected to retrofit the building's original metal roof. IKO InnoviTPO features Matrix™ performance weathering technology and is designed for commercial roofing applications. Inherently puncture-resistant for low maintenance and exceptional membrane longevity, InnoviTPO is designed to meet and exceed ASTM standards for weathering resistance and can provide for LEED design credits. It's both reflective and tough, with installation qualities desired by top contractors. According to Kevin Larson, the owner of ARS Construction, that have completed the IKO Approved Applicator Program (IAAP) training, "One of the main reasons the building owner chose this IKO system re-cover application is there was no trash tear-off to add to a landfill, which is an essential part of selecting a new roof." This system reduced their installation time to less than one month.

### IKO INNOVI™ TPO 80-MIL ADHERED ROOFING SYSTEM

- Metal exposed fastener decking with EPS Flute Fill in the roofing ribs.
- IKOTherm Polyisocyanurate Roofing Insulation 3-inch mechanically attached with IKO InnoviFast™ Heavy Duty (HD) #15 Fasteners.
- IKOTherm HD CoverShield™ 1/2-inch Cover Board (4x4) adhered with IKO Millennium™ adhesive.
- IKO Innovi 80-mil TPO white membrane, adhered with IKO InnoviBond™ spray adhesive.
- Innovi Systems accessories — multiple, including universal pipe boots, T-joint patches, inside/outside corners.



They chose the InnoviTPO Adhered System because impact resistance was very important to the building owner. ”



— Andrew Shafer  
IKO Commercial  
Field Service Technician



**PROJECT START/COMPLETION DATES**

June 11-June 26, 2024

**PROJECT SIZE**

80,000 square feet

**REFURBISHMENT/NEW BUILD**

Metal building re-cover

**ROOFING CONTRACTOR**

ARS Construction

**CLIENT/OWNER**

D&M Real Estate Holdings, LLC

**PROJECT SECTOR**

Commercial

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