

# FleeceBACK® RL™ PVC

RapidLock Membrane

## CASE STUDY

### Kent State University Airport Hangar



#### JOB PROFILE

**PROJECT LOCATION:**  
Stow, Ohio

**CARLISLE APPLICATOR:**  
Warren Roofing & Insulating LLC

**PROJECT TYPE:**  
Re-roof

**ROOFING SYSTEM:**  
Carlisle SynTec Systems' FleeceBACK RapidLock (RL) PVC

**ACCOLADES:**

- » Centurion, Hall of Fame 250, ESP 2012, 2013, 2014, 2015, 2021, 2023, 2024, and 2025
- » Perfection Award 2011, 2014, and 2015
- » Perfection Council 2011 and 2015

#### Overview

Kent State University's Airport Hangar in Stow, Ohio, required a reliable, energy-efficient roofing solution to protect valuable aircraft and aviation equipment. Warren Roofing was selected to re-roof the hangar and deliver a durable system with long-term performance.

#### Challenge

The project required careful coordination to ensure safety and minimal disruption to airport operations. The existing roof system had aged beyond its service life, with areas of deterioration that posed risks to both the building and its contents.

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## Solution

Warren Roofing installed a Carlisle SynTec Systems FleeceBACK RapidLock PVC using a mechanically fastened system. This solution was chosen for its outstanding weatherability, energy efficiency, and ability to withstand the unique demands of an airport environment.

## Results

The re-roofing project was completed efficiently and safely, with Warren Roofing, a Carlisle Authorized Applicator since 1997, delivering a clean, watertight, and high-performance system. The new RL PVC roof not only improves the building's thermal performance but also extends the lifespan of the hangar, protecting valuable university assets.

Learn more about [Warren Roofing & Insulating LLC](#).

