



CASE STUDY

Project

Existing Roofs Restored
Riverbank Elementary School

Location

Sacramento, California

Contractor

Madsen Roofing & Waterproofing

System

80 mil TRITOflex membrane
20 mil TRITOtherm ceramic coat

Project Size

16,000 square feet (1,500 m²)

Completion

July 2015

Two roofs at this elementary school campus in California were facing a wasteful and costly tear-off until being introduced to the Triton retrofit system.

Public schools, funded by taxpayers, take re-roof decisions seriously as they seek low-maintenance, sustainable approaches. Each of these modified-bitumen roofs were out of warranty and showing clear signs of their age. Even though school was not in session, an eco-friendly solution is desired and Title 24 laws in California require low-VOC, low-odor roofing products with high reflectivity.

Wasteful Tear-Off Avoided

After analyzing the current roof conditions at the Riverbank campus, Madsen Roofing approached the school system with the TRITOflex roof restoration system. These two roofs were perfect candidates to avoid a complete tear-off and utilize the existing membranes to their advantage by retrofitting them with the durable, 1900% elongation TRITOflex rubber. As a water-based material with zero VOC's, the product exceeded safety standards. With the ceramic, heat-repelling TRITOtherm coating on top acting as a sacrificial barrier, they exceeded California cool roof requirements while increasing energy efficiency of these buildings substantially.

Cost-Effective, Quality Installation

The school was proud to select materials manufactured by a 100% American-owned company for their tax-funded project; investing back into the U.S. economy. Both roofs were recovered with 80 mils of the seamless TRITOflex membrane and then 20 mils of the TRITOtherm ceramic nanocoating. The school received a long-term material and labor warranty to ensure students are kept dry under circumstances most manufacturers don't warrant against.



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