

EVANS ROOFING CASE STUDY

20 Trail South Ridge Edmond, Oklahoma

Project Location

20 Trail South Ridge
Edmond, Oklahoma

Building Representative

Paul Keeton, Home owner

Project Date

April 2016

Roofing System

Carlisle® TPO

Thermoplastic polyolefin (TPO) is the fastest-growing segment of the commercial roofing industry, and Carlisle is the leading supplier of this type of roofing material. Carlisle's white and tan Sure-Weld® TPO membranes are ENERGY STAR®-qualified and Cool Roof Rating Council (CRRC)-certified, and have been directly attributed to a reduction in energy use and cooling costs for buildings in warm, southern climates.

Warranty

10 year manufacturers material warranty

10 year labor warranty



The Project

The home at 20 Trail South Ridge in Edmond is a residential single family home. The house is located in Edmond's Trail South neighborhood.

The Challenge

The structure had a 3 ply hot mopped roof with a slick layer applied. The roof had been long overdue for re-roof. The flat roof had major leaks in the garage area. Additionally, the house had a mansard roof needing to be shingled.



The Solution

First, we completed a tear off of the roof. We removed and replaced all damaged decking and insulation. Then we installed 1/2" USG Rockboard roof cover board. Mechanically fastened with Carlisle screws and pressure plates. 1 plate per 2 square feet.

We installed Carlisle 60 mil TPO fully adhered to the cover board.

Finally, we re-roofed the mansard roof with GAF Timberline laminated shingles. (six nails per shingle)

We installed architectural 26 gauge 4" x 4" metal edge with Carlisle cover tape.

