

PROJECT PROFILE:
Museum of Natural History & Science
Sustainable. Seamless. Solutions.



PROJECT NAME

Museum of Natural History
& Science

PROJECT LOCATION

Albuquerque, New Mexico

CONTRACTOR

Commercial Roofing, LLC
700 Rankin Road NE
Albuquerque, NM 87107
505.341.2380
www.commercialroofingnm.com

CRFC REPRESENTATIVE

Matt Erickson, Managing Partner
at Southern Sustainability

Built in 1986 and located in downtown Albuquerque, the New Mexico Museum of Natural History & Science is a staple of the local community. The museum maintains and interprets the distinctive natural and scientific heritage of New Mexico through amazing collections, research, exhibits, and programs.

One of the most popular features of the museum is its 55-foot, full-dome planetarium and theater. Unfortunately, visitors were getting more than a glimpse of the stars, as the dome's 80-foot-high roof began experiencing leaks from expanding seams and years of weathering.

Commercial Roofing, LLC, a contractor located in Albuquerque, was brought on for the restoration, which began in the summer of 2019. They recommended products from Carlisle Roof Foam and Coatings (CRFC) to restore the planetarium's roof so it would once again protect the museum's visitors, as well as its contents.

"The good history we have with our Carlisle representatives, as well as the support Carlisle offers throughout the duration of our projects, made this an easy choice," said Michael Aldrich, Sales and Project Manager for Commercial Roofing. "Carlisle offers a multitude of re-roofing options that are easy to install and are based around productivity savings."

The project wasn't without complications. "This particular job had many difficulties, including height, access, and safety," said Aldrich. "Also, the building is a mainstay of the Albuquerque area and can be seen from all over the city."

CRLLC
COMMERCIAL ROOFING LLC



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The crew from Commercial Roofing began by washing the entire roof and applying CRFC's SeamlesSEAL® ULTRA LS silicone coating—with Seal-Tek Micro Fibers mixed in—to all seams to restore their watertight integrity. Seal-Tek Micro Fibers are micro-fine, high-tensile polyethylene fibers that thicken the SeamlesSEAL coating into a roller-applied or brushable mastic. The fibers are easy to mix into pails of coating and are ideal for repairs and rough substrates.

The crew then roller-applied two layers of CRFC SeamlesSEAL ULTRA LS tan silicone coating, one triangle at a time and then applied two coats of the SeamlesSEAL ULTRA HSLV silicone coating in the color coppertone. This single-component, moisture-cured, fluid-applied silicone coating is specially formulated to meet low-VOC requirements and has excellent resistance to water intrusion, UV exposure, and natural weathering.

Commercial Roofing had to shut down one lane of traffic, including the sidewalk, in order to allow a 135-foot boom lift daily access to the planetarium dome. The restoration took place Monday through Thursday and unfortunately lined up with Albuquerque's monsoon season, which brought heavy rains and afternoon shutdowns.

"The project went much smoother than anticipated due to the products and support we were given from Carlisle," said Aldrich. "To have completed a project that has a very high profile and is iconic to the New Mexico area is incredibly rewarding."

About Commercial Roofing, LLC:

Commercial Roofing, LLC, began business in 1994 as a regional roofing contractor focused on new construction, re-roofing, and restoration projects. Since their start, they have installed over

40 million square feet of various roofing systems. They invest in training, equipment, safety, and roofing technologies to ensure that their clients receive the most efficient and high quality roof system available in the market. Commercial Roofing, LLC, provides a roof asset management program to identify a facility's roofing inventory and an understanding of the current conditions, timely actions, and at what cost. This gives the facility manager and building owner the tools to make more qualified decisions and assist in the budgeting process.



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