PROJECT PROFILE

ARIZONA SCIENCE AND TECHNOLOGY PARK

PROJECT DESCRIPTION

The University of Arizona Science and Technology Park (UASTP) acquired the original IBM industrial park in Tucson, Arizona in 1995. The buildings were renovated and transformed into a University Research Park. Major tenants include Microsoft, IBM, Uber and Raytheon. UASTP collaborated with Arizona Foam & Spray (AFS) to install a more efficient roofing system using spray foam technology on many of the existing buildings. Arizona Foam & Spray installed the original roofs back in 1995, the 20-year-old spray foam roofs were in good shape, leak free but needed recoating to ensure proper maintenance.

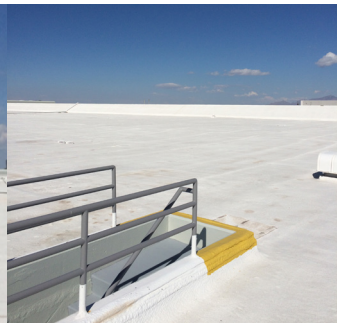
STRUCTURE FEATURES

- Spray Foam Roofing System
- Existing Construction: Reroof
- 60,156 sq. ft.
- QUIK-SHIELD 1000 Roof Primer, QUIK-SHIELD 125 Roof Spray Foam, and QUIK-SHIELD 1929F Acrylic Coating, with Granules
- Tucson, AZ

INSTALLER

Arizona Foam & Spray



PRODUCT INSTALLED

SWD's QUIK-SHIELD Roofing System was applied to the coal tar pitch roof system and an acrylic coating with granules. A recoat was then applied 20 years later.

APPLICATION CHALLENGES

Originally, this building had a coal tar pitch roof system that was installed in the early 80's. The coal tar roof was leaking but still tightly adhered to the roof deck. Spray foam was able to be applied directly over the old roof eliminating the need for a tear-off and landfill space utilization. In addition, the seamless application of spray foam completely stopped the leaks and lowered utility costs due to spray foam's superior insulation qualities.

SPRAY FOAM BENEFITS

The coated spray foam roofing system lasted for over 20 years with minimum maintenance and was essentially renewed in the simple recoat process. Coated foam roofing systems do not require replacement like typical built up roofs, thus eliminating tear-off costs, construction waste and preserving landfill space.