

CASE STUDY

Architectural & Commercial



Project Specs

Location: Scottsdale, Arizona

Application: Rooftop Pool Deck

Product: Micro-Mesh® Molded Grating and Bison Grating Pedestals

Overview

Located in Scottsdale, Arizona, this newly constructed apartment complex is one of the most popular places to live. This community's location offers the residents outdoor activities and a short commute to the neighborhood's best spots. In addition to its state-of-the-art amenities, this apartment complex has a beautiful rooftop resort-style swimming pool.



Problem

A flooring system was needed to support the turf around the rooftop pool. The landscape architecture firm that designed the pool deck searched for a specific material to use as a flooring system that needed to be lightweight in order to avoid any damage to the rooftop. The grating had to be able to drain the water splashing from the pool, from wet feet, and rain water. The decking materials needed to be able to withstand chlorine and other chemicals in the water.



Solution

With the help of Fibergrate's territory manager, the landscape architecture firm decided to use Micro-Mesh® molded fiberglass reinforced plastic (FRP) grating with a meniscus surface and Bison grating pedestals. The pedestal design provides sturdy support for this flooring system. The open area in this grating will allow the water to flow through the turf and grating. The lightweight properties allowed for an easy installation and will help keep the rooftop in excellent condition for years to come. Additionally, the corrosion resistant FRP will save the customer time and money due to reduced maintenance and long product life.

The customer was extremely satisfied with the solution provided by Fibergrate making this another great example of Fibergrate's adaptability to any market while showcasing the quality and custom-made solutions for every customer.

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