PROJECT PROFILE

FIRESIDE ELEMENTARY SCHOOL

PROJECT DATA
Location – Phoenix, AZ
Application – Slab on Grade & Elevated Deck
Architect – DLR Group
Concrete Contractor – Sun Valley Masonry
Concrete Producer – Rock Solid
Total Area – 88,660 feet

SCOPE OF PROJECT
- Slab-on-ground and second story floor using fiber reinforcement to replace conventional steel.
- Polished floors with decorative glass aggregate.
- Provide overall cost savings and near net-zero energy building requirements.

PRODUCTS FEATURED
TUF-STRAND® SF
Macro-Synthetic Fiber

PROJECT SUMMARY
Located in Phoenix, Arizona, Fireside Elementary School, a Pre-K-6th grade facility, was designed by the DLR Group to be a near net-zero energy building. TUF-STRAND SF was used at a dosage rate of 4 lb/y³ to reinforce the architectural ground/polished interior floor system used on both the first and second story floors. To finish the floor, Whole Sale Floors worked with Euclid Chemical to utilize a sequence of specific grit diamond pads to achieve the desired look. The Fireside Elementary School entryway and atrium included recycled glass aggregate as a component to add a vibrant look to the floor.