



EUCLID CHEMICAL

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.