



AFTER

# Big Creek Hydroelectric Powerhouse

Commercial - California, U.S.A.

**PolyBrite® 700-QS** - Quick-Setting High Quality Roof Coating  
**PolyBrite® 73** - Elastomeric Flashing Compound  
**PolyBrite® 780** - Epoxy Primer/Sealer

23,500 ft<sup>2</sup>

Installed by Artistic Roof & Design  
2022



Southern California Edison contracted Artistic Roof and Design to install a new roof for their Big Creek Hydroelectric Powerhouse on the San Joaquin River.

Temperature and moisture presented the two greatest challenges to this installation project, encompassing 235 squares. The team's solution was priming the substrate with PolyBrite® 780, a black, water-based epoxy primer designed to absorb radiant heat from the sun for better bonding of the spray polyurethane foam. After installing the foam layer, they applied a second layer of PolyBrite 780 to add adhesion to the foam and prep the surface for the polyurea layer and waterproof roof coatings to follow. The roofers finished the surface with Polyglass PG 700-QS (1.5 gallons of grey and 2.5 gallons of white), used to seal the SPF foam against the constant moisture emitted by the powerhouse itself.



BEFORE

For information on this project visit [polyglass.us/projects](https://polyglass.us/projects)

