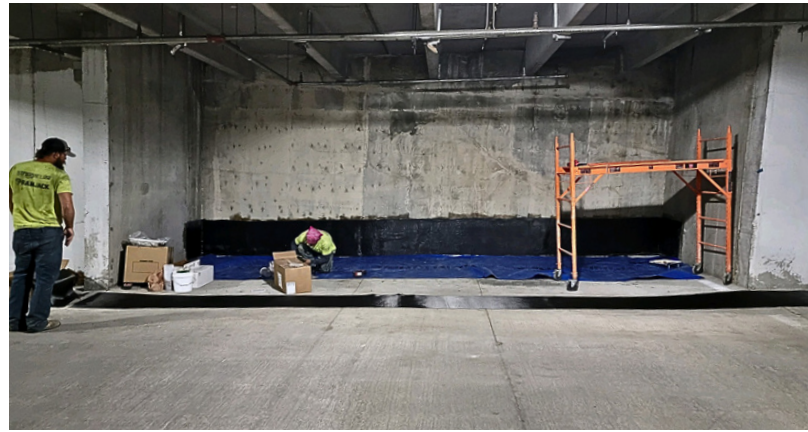


PARKING GARAGE REINFORCEMENT AND WATERPROOFING WITH CARBON FIBER

WILDWOOD HOTEL & CASINO, CRIPPLE CREEK, CO

CARBON FIBER STRENGTHENING SYSTEMS



Wildwood Hotel and Casino in Cripple Creek, Colorado hold the title as the highest Casino in the world and has grown significantly over the years attracting visitors from across the country.

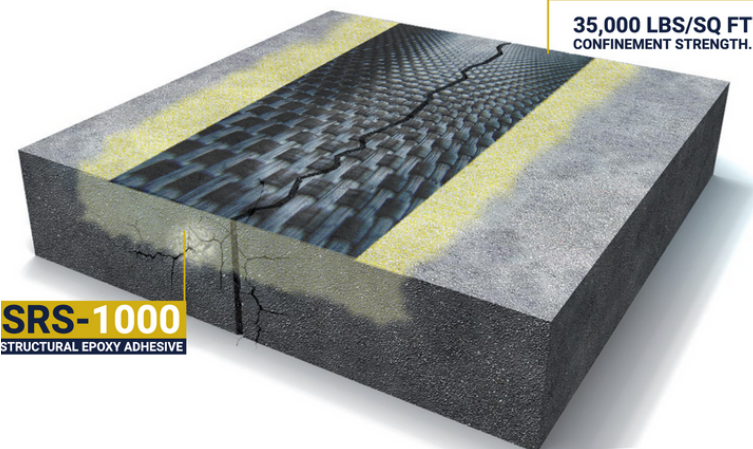
Straightline Construction of Colorado was contacted to provide a structural reinforcement and waterproofing solution for two walls in the underground parking garage at the resort.

A common issue with subterranean concrete structures, especially in environments with significant precipitation, is water management. Often times the prolonged exposure to melting snow and rainfall can contribute to water intrusion issues that can lead to structural issues in load bearing concrete walls if left unaddressed.

The repair plan included a full encapsulation of the wall in 24" SRS-660 Bidirectional Carbon Fiber. Due to the nature of the heavy weight fabric bonded with a high strength structural epoxy resin, the composite system provided a complete water-stop strengthening solution. In addition, the repair reinstates structural capacity to ensuring the load bearing capacities of the walls were permanently reinstated.

SRS-660BI

35,000 LBS/SQ FT CONFINEMENT STRENGTH.



SRS-1000
STRUCTURAL EPOXY ADHESIVE

