Ameristar Hotel
Blackhawk, CO
36 Stories
151,000 SF
1,609 panels
Cantilevered Slabs
Panel Size Limitations
GFRC Panel Shapes
Ameristar Blackhawk Hotel

- No perimeter Beams
- Cantilevered Floor slabs
- Panels bear on floor slab
- 9’1” tall panels - 9” slab
- Optimal use of interior space
- Full Height Windows
  (Unobstructed views)
Ameristar Hotel, Blackhawk, CO

Located in the Rocky Mountains at an altitude of 8,042 feet, the 18 story, 530 room Black Hawk casino hotel was designed to maximize living space and offer unobstructed views of the surrounding mountains. The facade design called for the exterior cladding to faithfully reproduce the colors, textures, and shapes of a variety of different masonry and wood materials, yet be light enough to bear directly on floor slabs that cantilever up to five feet out from the perimeter columns. In addition, panels were required to provide both primary and back-up protection against water ingress or vapor condensation in the wall cavity under extremes of temperature, humidity and wind loading.

Over 1,800 elaborately profiled, multi-colored GFRC panels were designed and fabricated to faithfully reproduce the multiple colors and textures of limestone and brown clapboard siding. Profiles included cornices, deeply recessed windows, projecting soffits and corner returns up to three feet in length. Panels were fabricated starting in January, 2008 and installation ran from June, 2008 through the summer of 2009.

For more information, please contact:

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