Hanging Lake Tunnel

Application

72,500 cubic feet of Foam-Control® EPS39 and EPS19 Geofoam was installed as lightweight engineered fill and structure protection on top of the Hanging Lake Tunnel in Glenwood Canyon, Colorado.

Project Details

Fall 2007, engineers required a light weight engineered fill to reduce the amount and weight of soil needed to backfill over the repaired Hanging Lake Tunnel. High strength Geofoam was also used in the project to protect the tunnel from rock slides. 20' of Geofoam was installed on top of the repaired tunnel's building. In addition to Foam-Control® EPS39 Geofoam, EPS19 Geofoam was installed around the perimeter of the structure.

ACH Foam Technologies was selected for this project because of its ability to meet the demanding schedule required by the Colorado Department of Transportation. The material was delivered to a rest area across a river from the jobsite and was later delivered to the project location using a helicopter.

Geofoam

Hanging Lake Tunnel
- Glenwood Canyon, CO
- Fall 2007
- Foam-Control® EPS39 and EPS19 Geofoam
- 72,500 Cubic Feet

Contractor
Concrete Works of Colorado

Engineer
Mark Resley
Colorado Department of Transportation