



Location:
1780 Pennsylvania Street
Denver, CO

Products Used:
REGUPOL vibration

Area:
32,500 sqft

Architects:
Davis Partnership, P.C.

Acoustical Engineer:
Eiler Associates, Inc.

Structural Engineer:
KL&A

General Contractor:
Saunders Construction

COLORADO HEALTH FOUNDATION HEADQUARTERS

The Colorado Health Foundation, a non-profit organization from Denver, CO, works to make Colorado the healthiest state in the nation. The new headquarter in downtown Denver is a three-story building with approximately 32,500 square feet, with direct access to outdoor areas via rooftop decks and/or gardens. On the third floor is a fitness room for staff use.

Since this fitness room is located directly above an open office environment on the second floor, low-frequency structure-borne sound and vibration from cardio equipment, free weights, and other equipment was a major noise concern for the architects at Davis Partnership. Architects at Davis Partnership have successfully used **REGUPOL** and **REGUFOAM** products on similar projects before, which made **REGUPOL vibration 200** a qualified isolation material for this prestigious project. **REGUPOL vibration 200** has also a unique acoustical and structural performance that is unmatched in the market: At loads that are typical for 3"-4" normal weight floating concrete slabs, **REGUPOL vibration 200** achieves a natural frequency of 15-16 at a thickness of only 17mm, for which other products in the market require a thickness of 1"-2". This product also achieves a natural frequency of 9-10 Hz at a thickness of 2".

We'd like to thank the team of Davis Partnership for the continued trust in **REGUPOL** and **REGUFOAM**, and for designing such a beautiful project with our materials.

