



Case Study:

East Bank Club

Chicago, IL

PRODUCTS INSTALLED

- Performance Monster
— 7,000 SF

PROJECT NEEDS

- Acoustics
- Durability

PRODUCT BENEFITS

- Ergonomics
- Safety
- Clean-ability

Ecore Athletic Performance Monster Solves Premier Chicago Health Facility's Acoustic Issues

Background

Comprised of more than 450,000-square-feet of space and covering more than two full city blocks, the East Bank Club in Chicago, Ill., is a premier health facility. It offers a variety of amenities, including state-of-the-art exercise facilities and dining options. And now the East Bank Club offers Performance Monster surfacing in its free-weight room.

Challenge

Acoustics were a big concern in this space, because the East Bank Club is a multi-story environment. "We had some challenges with designing our new free-weight room, when it came to acoustics," said Gretchen Collins, Director of Fitness at East Bank Club. "Our professional co-working space and cycle studio are directly above the free-weight room, and we have professional office spaces on the other side of the hallway. We had to be mindful that dropping weight would not impact the areas above, so we were looking for a product that could dampen sound and vibration."

Solution

Ecore Athletic Performance Monster was the solution. Performance Monster is comprised of a 10.5mm engineered Beast roll, featuring its TRU technology, field united to a 12mm Shockpad. The result is a 22.5mm Vulcanized Composition Rubber engineered system that



Results

When it comes to acoustics, Performance Monster is an ideal solution for weightlifting applications, because this surface can manage the energy of impact of the weights hitting the floor. The result is a quieter space.

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provides ergonomic, safety and acoustic benefits. Regarding ergonomics, Performance Monster has a force reduction (absorption of impact energy) of 38.1 percent, and an energy restitution (useful return of impact energy) of 53.5 percent. Performance Monster is a safe floor because it is slip resistant and protects lifters from rebounding bar and weight drops.