

# The Museum of Modern Art New York City, USA



## Case Study



### Property Owner

The Museum of Modern Art (MoMA)



### Main Contractor

Turner Construction



### Structural Engineer

Severud Associates



### Architect

Diller Scofidio + Renfro & Gensler



### Acoustic Consultant

Cerami & Associates

## OVERVIEW

The grand dame of contemporary art museums, the Museum of Modern Art in New York, is getting a \$400 million facelift.

MoMA's extensive building and renovation project includes the construction of a new space, dubbed the Studio facing 53rd Street. The new space will feature live programming and performances, film and VR/AR demonstrations. The Studio at MoMA is a result of the new partnership with the Studio Museum in Harlem.

## Stravibase Fix, Stravifloor Mount

- Pre-cut batt insulation with cutouts. Discrete isolators for maximum performance and few contact and support points (Stravifloor Mount)
- Mass-Spring-Mass system (Stravibase Fix)



## SOLUTION

Close collaboration with the acoustical consulting firm Cerami & Associates and Gensler architects allowed CDM Stravitec to provide this unique isolation design. It includes custom isolators ([Stravibase Fix](#)) for a 45' tall curtain wall, a [Stravifloor Mount](#) floating floor system with cubical natural rubber isolators, and custom isolators for ceiling and ceiling-mounted equipment.

The inner shell of the curtain wall had to be structurally supported by the floating floor, so isolation at the sides and top were mandatory to avoid acoustical short-circuiting. The floating floor, the suspended ceiling, and isolated curtain wall were part of the complete box-in-box design to isolate the studio from adjacent spaces in the museum.

45'

Curtain Wall & Floating Floor

