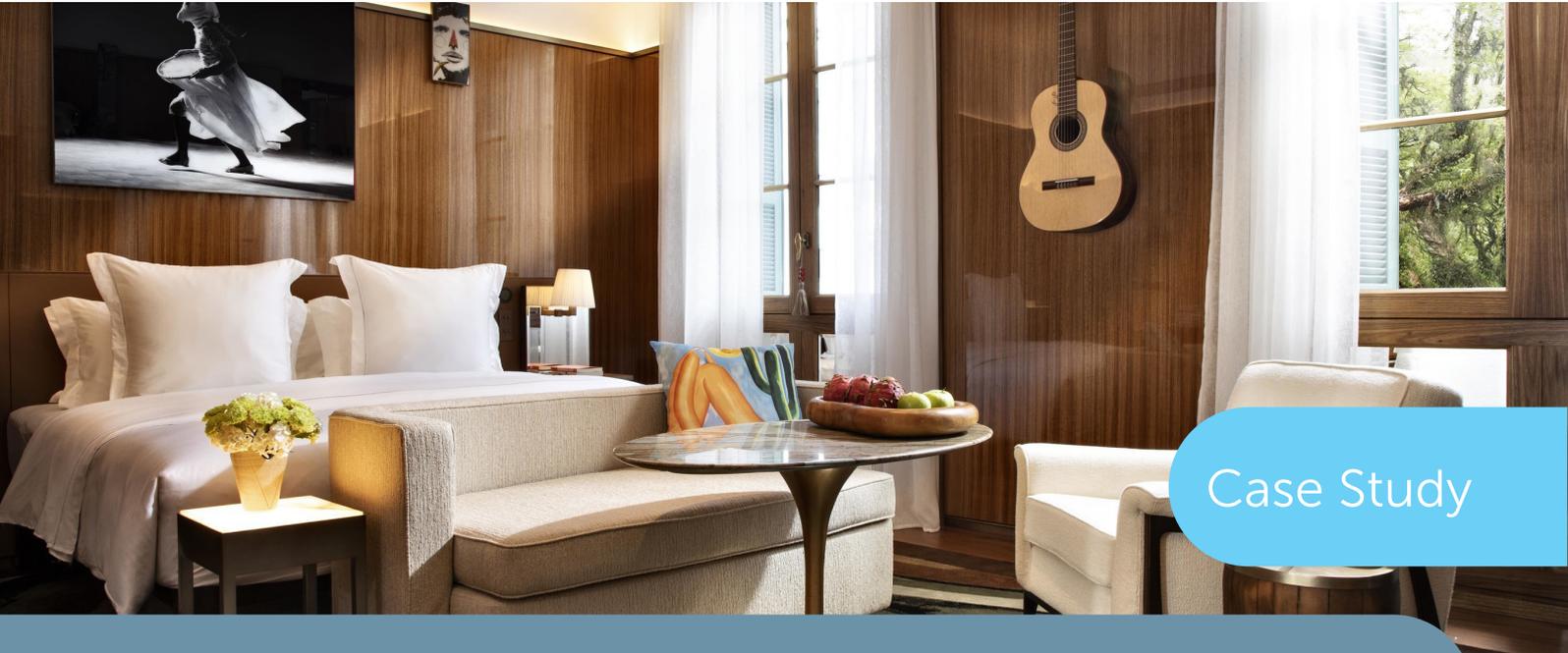


# Rosewood Hotel

## São Paulo, BR



## Case Study



### Property Owner

Rosewood Hotels & Resorts



### Main Contractor

Groupe Allard, Boulevard Matarazzo



### Structural Engineer

JKMF Engenharia



### Architect

Ateliers Jean Nouvel



### Acoustic Consultant

Giner – Designing Sound Spaces

## Stravifloor Mat

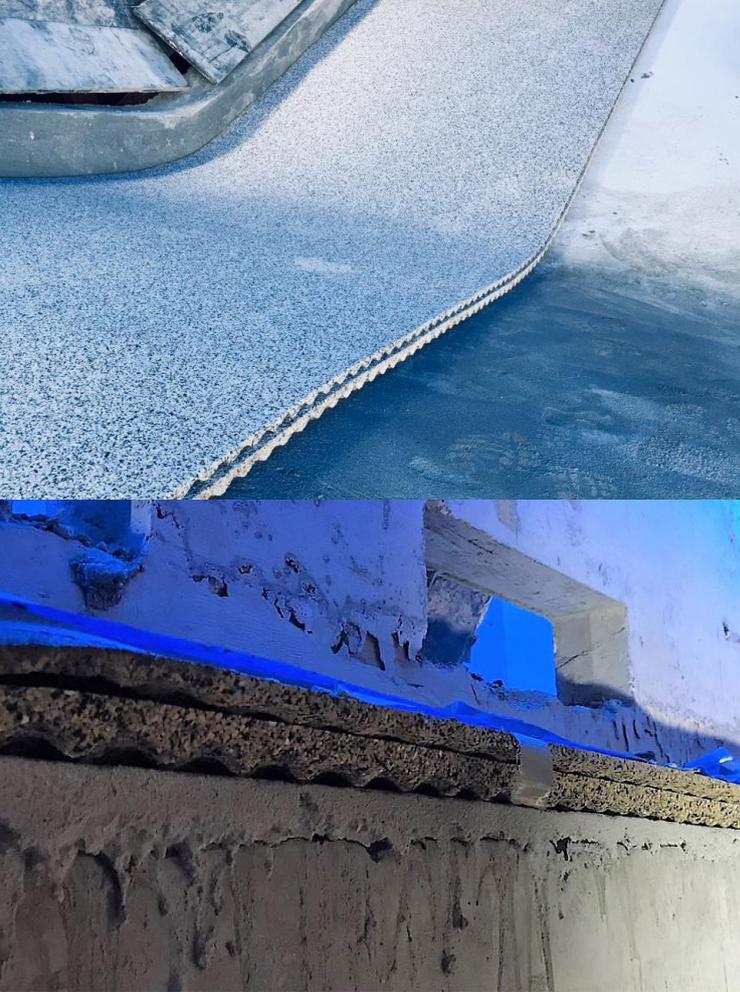
- Low-profile roll-out isolation solution providing cost-effective structure-borne noise protection
- Can be used with gypsum, lightweight, or normal weight concrete without the need for formwork

## OVERVIEW

In early 2022, Rosewood Hotels & Resorts opened its first six star hotel in Latin America.

Designed by world-renowned architect Jean Nouvel and with interiors by visionary designer Philippe Starck, Rosewood São Paulo in Brazil encapsulates the city's past and future. The landmark hotel occupies the historic hospital, Matarazzo Maternity, as well as a striking new vertical garden tower, drawing inspiration from the lush local vegetation.

Rosewood São Paulo includes 160 guest rooms and over 100 owners' suites, two swimming pools and restaurants, a bar, a music studio, a cinema, and a caviar lounge amongst other things. The Asaya, the hotel's well-being concept, makes this new landscape building a true metropolitan oasis, allowing guests to unwind after exploring Brazil's financial heart.



## SOLUTION

Podium pools like the Emerald Garden Pool & Bar installed here, pose a number of design challenges compared to their in-ground counterparts. To prevent the transmission of structure-borne noise and vibrations associated with people swimming and playing, as well as the pool mechanical equipment and pumps, the infinity pool was decoupled using two layers of [Stravifloor Mat-W25<sub>x</sub>](#) isolation solution.

The great challenge was to insert the pool into the existing building, and to decouple the pool from its structure.

Where the pool meets the existing roof of the listed building, a 20 mm thick [Perimeter Strip](#) was installed.

Photography: Ruy Teixeira

## AT A GLANCE

### CHALLENGES

- Podium pool with hotel rooms on the floors beneath
- Pool had to be installed (and acoustically decoupled from the structure) in a historic building that was being refurbished

### BENEFITS

- Roll-out system with a reduced build-up height
- Quick and easy installation
- Turnkey solution provider: design, production, delivery and installation

255 m<sup>2</sup>

Stravifloor  
Mat-W25<sub>x</sub>

