

# Cutler Fitness by Allure

## Eger, HU



## Case Study



### Property Owner

Alaszka-Bau Kft.



### Main Contractor

Alaszka-Bau Kft.



### Acoustic Consultant

László Ilyés, Róbert Csott ('95 Apszis Bt.)

## OVERVIEW

In the historic town of Eger, known for its castle, thermal springs and baroque buildings, lies the newly built Cutler Fitness by Allure, a 5.000 m<sup>2</sup> hotel, sport and wellness center. Here, at the foot of the Bükk mountain range, Alaszka-Bau Kft. constructed a luxury housing and modern sports and recreation center for locals and tourists alike.

The complex comprises four separate units: a 20-bedroom hotel, a fully equipped gym, a luxurious spa and a restaurant that fits the healthy lifestyle promoted.

## Stravifloor Batten

- Resilient floor batten system for the support of wet or dry floating floors.
- Suitable for inclined base structures.



## SOLUTION

To shield the rest of the hotel and spa of unwanted noise and vibrations coming from the fitness area, a [Stravifloor Batten](#) acoustic floating floor was installed. This resilient floor batten system capable of supporting both wet and dry floating floors can be anchored to the structural floor, allowing for inclinations. Thanks to the natural rubber isolator pads and the 104 mm air void, on top of which a thick screed floor was installed, the required noise isolation was achieved.

## AT A GLANCE

### CHALLENGES

- Large surface area
- Need for a system that is compatible with the thick floating screed
- Low resonant frequency & high air void requirement

### BENEFITS

- Allows for multiple variations in height, load bearing capacity and performance
- Quick & easy installation

**253 m<sup>2</sup>**  
Stravifloor  
Batten

