

# SUCCESS STORY

## VIBRATION ISOLATION

## Car elevator, Starnberg

### PROJECT DATA

#### Brief description

A new multi-generational house with underground parking and a car elevator is being built in Starnberg.

#### Requirement

The multi-generational house is to be isolated from the car elevator due to secondary airborne noise.

#### City, year

Starnberg, 2023

### PROJECT DESCRIPTION

A new multi-generational house with an underground parking is being built in Starnberg. Instead of the entrance to the underground parking area, a car elevator will be built here. When operating the car elevator, secondary airborne noise may be generated. Therefore, the lift is to be strictly isolated from the residential building. This insulation can be implemented by means of elastic bearings around the housing of the car elevator.

### SOLUTION

The elastic decoupling is carried out with Calenberg products. The Cisador® series and Ciflex R25 were used depending on the load grading.

