

# “Milaneo” Mailänder Square (DE)



## Project description

In the city center of Stuttgart, the residential building complex around Mailänder Square was equipped with highly effective vibration isolation.

43,000 m<sup>2</sup> of retail space, 7,400 m<sup>2</sup> of office areas and 8,500 m<sup>2</sup> of hotel space lying on a load distribution plate supported by elastomeric bearings, installed on a support grid system underneath the construction.

The bearings must transmit all vertical and horizontal loads and additionally insulate the housing against vibrations.

## mageba scope

- 3,304 VIBRAX®BLOCK B elastomeric bearings with static-dynamic design and setting to a natural frequency of  $f_0 = 13$  Hz
- Execution of the fire protection F90 around the elastomer bearings for all essential supporting elements
- Formwork covers for the bearings at the joints of prefabricated components of the load distribution plate

## Highlights & Facts

### mageba products:

Type: VIBRAX®BLOCK B  
Features: Vibration isolation  
Installation: Ed. Züblin

### Structure:

City: Stuttgart  
Country: Germany  
Type: Building construction  
Construction: Reinforced concrete  
Completed: 2014  
Owner: Bayerische Hausbau GmbH  
Contractor: Ed. Züblin

Location: Mailänder Square 7, 70173 Stuttgart, Germany



VIBRAX®BLOCK B bearing under load distribution plate



VIBRAX®BLOCK B vertical bearing ready for the load distribution plate

