

# Eurogate passive house residential complex



Wien



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**Approx. 700 Egcotritt light shear force dowels have been installed for sound decoupling between the lift shaft and ceilings in the Eurogate passive house residential complex**

With around 1,000 residential units, Eurogate Wien is the largest passive house residential complex in Europe with an ultra-low annual heating requirement. On sites 4 and 5, BAI is building an apartment block with a total of 238 residential units (18,000 m<sup>2</sup>) which meets the latest passive house standard. The complex on site 4 is divided into three sections with five or six upper floors and partially staggered loft. The ground floor is designed as a business zone. The Punktgebäude in the northern building plot area (building A) houses privately owned apartments, which are accessed via two stairways. Buildings B and C consist of a centrally located, L-shaped residential wing and a detached building in the inner area of the complex. In the southern sector of building site 5, along the main route, there is also a linear building (building D).

700 Egcotritt light shear force dowels from MAX FRANK have been installed between the lift shaft and the ceilings for sound decoupling. The Stabox® rebend connection economically combines concrete components and minimizes complex formwork. Other MAX FRANK products such as plastic and steel spacers have been used to ensure optimum concrete cover. The Permur® liner pipes are a simple and safe solution for the load case of pressurized and non-pressurized water.

## Type af bygning:

Residential complex

## Kunder og udviklere:

Bauträger Austria Immobilien  
[www.bai.at](http://www.bai.at)

## Arkitekt:

Johannes Kaufmann  
[www.jkarch.at](http://www.jkarch.at)

## Byggeentreprenør:

Generalunternehmen: Bilfinger  
Baugesellschaft mbH., Wien

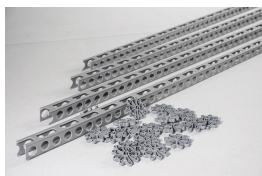
## Færdiggørelse:

2013

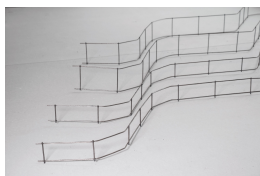
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Brugte produkter:



Afstandholder af plast



Afstandholder af stål



Stabox® armeringstilslutning



Egcopal trinlydsisoleret  
forskydningskraftdyvel



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