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# fermacell Project & Solution

Housing complex "Weltquartier", Hamburg, Germany

- Project completed in 2014
- **fermacell** Flooring Elements 2 E 22 (8,000 m<sup>2</sup>), 2 E 35 (13,000 m<sup>2</sup>)

## Housing complex “Weltquartier“, Hamburg, Germany

### The Project

A pioneering residential complex was built at Weimar Road in Hamburg. The complex is for residents from over 30 different countries, embracing a range of cultures and traditions. The project is part of the International Building Exhibition - IBA. All buildings have been modernised and all new homes are built to Passive House standard.

### Project Requirement

One of the main requirements was to keep the unique red brick look of the building and preserve the diversity of the neighbourhood. In addition, the sound insulation had to be upgraded and greatly improved but with a minimum floor height and disruption to the existing floor structure.

### Solution

The new **fermacell** Gypsum Flooring Element 2 E 35 was selected because of its low depth of only 65 mm (including 20 mm **fermacell** Levelling Compound). It is manufactured from Gypsum Fibre-board and 20 mm of highly compressed mineral wool, laminated to the back. **fermacell** Gypsum Flooring Elements 2 E 35 provide 31 dB sound insulation and are easy to install and ready to walk on almost straight away. This allowed the project to be completed quickly and cost effectively.



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Overview	
<b>Main Contractor</b>	Saga GWG Wohnungsbaugesellschaft
<b>Architect</b>	Krause Feyerabend Sippel Partnerschaft
<b>Installer</b>	Bohle Innausbau GmbH & Co. KG

Photographs courtesy of: IBA Hamburg GmbH / Martin Kunze

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