

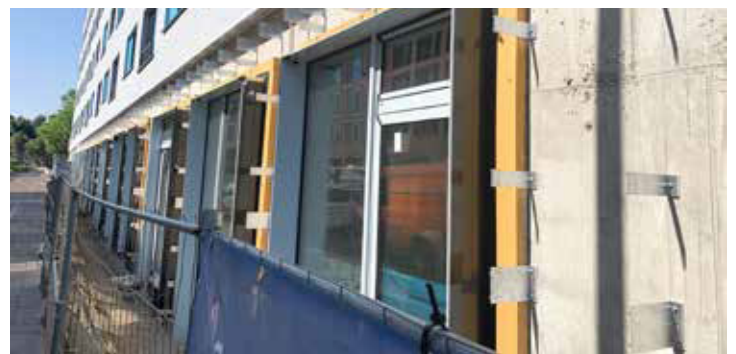
Phonotherm® - Reference Project Fischerinseln Berlin

PHONOTHERM® INSTALLATION FRAME THE PROVEN SOLUTION FOR SOUND INSULATION, SUSTAINABILITY AND DURABILITY

Warmotech GmbH is pleased to present the successful project at Fischerinsel / Ecke Mühlendamm in 10179 Berlin-Mitte as a reference project. In this new construction on historic grounds, the focus was on enhanced sound insulation and sustainability of the materials used.

The project comprises a total of 210 rental apartments, of which 50% are subsidized and 126 apartments are barrier-free. Additionally, the new building accommodates 7 commercial units on the ground floor, including a small kindergarten. Furthermore, 49 furnished apartments have been realized, 7 of which are designed as student shared flats.

Additional amenities include a concierge service, dining options, a kindergarten, small-scale commercial spaces, a green courtyard area with two playgrounds, and a green roof serving as a retention roof. Construction began in December 2020 and was completed as scheduled in December 2023.



ADVANTAGES OF THE PHONOTHERM® INSTALLATION FRAME:

As part of the project, the Phonotherm® installation frame from Warmotech GmbH was used. This proven solution impressed with its numerous advantages, which played a key role in the success of the construction project:

- **Certified Panel Material:**
Thanks to our General Building Approval (AbZ) and the new European Technical Assessment (ETA), Phonotherm® meets all legal construction requirements for both national and European markets—guaranteeing quality and safety.
- **High Compressive Strength:**
With a compressive strength of over 7 N/mm² (7 MPa), Phonotherm® offers exceptional stability and load-bearing capacity, which is especially important for demanding construction projects.
- **Screw Pull-out and Bearing Strength:**
Phonotherm® features outstanding strength when using screws compared to other insulating construction materials, ensuring superior fastening reliability.
- **Versatile Sealing Options:**
Phonotherm® allows for easy and secure sealing with a wide range of common systems, including bitumen, liquid plastics, and adhesives. This guarantees flexibility and safety throughout the construction process.
- **Innovative Installation Systems Support Sustainability:**
The Phonotherm® installation frame meets the criteria of the German Sustainable Building Council (DGNB). Thanks to its environmentally friendly properties and resource-efficient manufacturing process, it contributes to sustainable construction and supports building certification according to DGNB standards.
- **Enhanced Sound Insulation:**
With a soundproofing performance of 39 dB, Phonotherm® ensures a quiet and comfortable living environment.
- **UV Stability and Durability:**
Phonotherm® installation frames are not only UV-stable but also resistant to ageing and decay, ensuring long-term reliability and durability.
- **Environmentally Safe:**
Phonotherm® installation frames are non-toxic and safe for building biology.
- **Rapid Availability:**
Phonotherm® installation frames are delivered in custom dimensions within the shortest possible time, accelerating the construction process.