Johannes Gutenberg University Mainz

Mainz, Germany

Lindner


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Project Description

As part of ongoing construction work on the campus of the Johannes Gutenberg University, a new laboratory and office building was created for the Centre for Fundamental Physics (CfP II). In an initial construction phase, the existing underground experimental halls for the new particle accelerator MESA (Mainz Energy-Recovering Superconducting Accelerator) were already converted. The now realised four-storey building provides specialist laboratories and offices for six new research groups as well as for visiting scientists from various disciplines. The building structure includes a cleanroom, a neutron irradiation unit, and a heavy-duty assembly hall for the construction of detector units.

The Lindner Group was responsible for the complete fit-out of the CfP II laboratory and office building, bringing their expertise with a wide range of services: This included, among other things, the installation of heating, ventilation, and sanitary systems as well as all electrical engineering, including self-sufficient power supply and lighting systems.

In the field of object design and building technology, Lindner provided specialised solutions. These included high-quality wooden interior doors and a ventilation technology that ensures optimal air purification and circulation, which is of particular importance in sensitive areas.

The expansion of cleanrooms and laboratories represented another core competence of the Lindner Group: In the laboratories airlock, wall, and ceiling systems were installed that meet the highest cleanroom standards and ensure a contamination-free environment. Integrated LED lights in the cleanroom ceilings provide optimal lighting and working conditions.

The comprehensive range of services offered by the Lindner Group is rounded off by drywall and flooring works, as well as painting, and screed works.

General

Building Type	Office buildings, Research Rooms, Laboratories and Research Facilities
Company Division	Lindner SE | Fit-Out Central.East Germany, Lindner SE | Building services, Lindner SE | Clean Rooms, Lindner SE | Interior, Lindner Isoliertechnik &
Completition	2023
Client	Landesbetrieb Liegenschafts- und Baubetreuung (LBB-Mainz)
Architect	DGI Bauwerk, Berlin

Completed Works

- **Building services engeneering**

  Ventilation technology
  Electrical engineering
  Heating system
  Measurement, control and regulation technology

- **Clean Room**

  Ventilation for Clean Rooms
  Supply air
  Filter Fan Unit (FFU)
  Clean Room Airlocks
  Partition systems 50
  Variodata
  Partition systems 100
  Multiclean LVT
  Clean Room Doors
  Aluminium grid systems

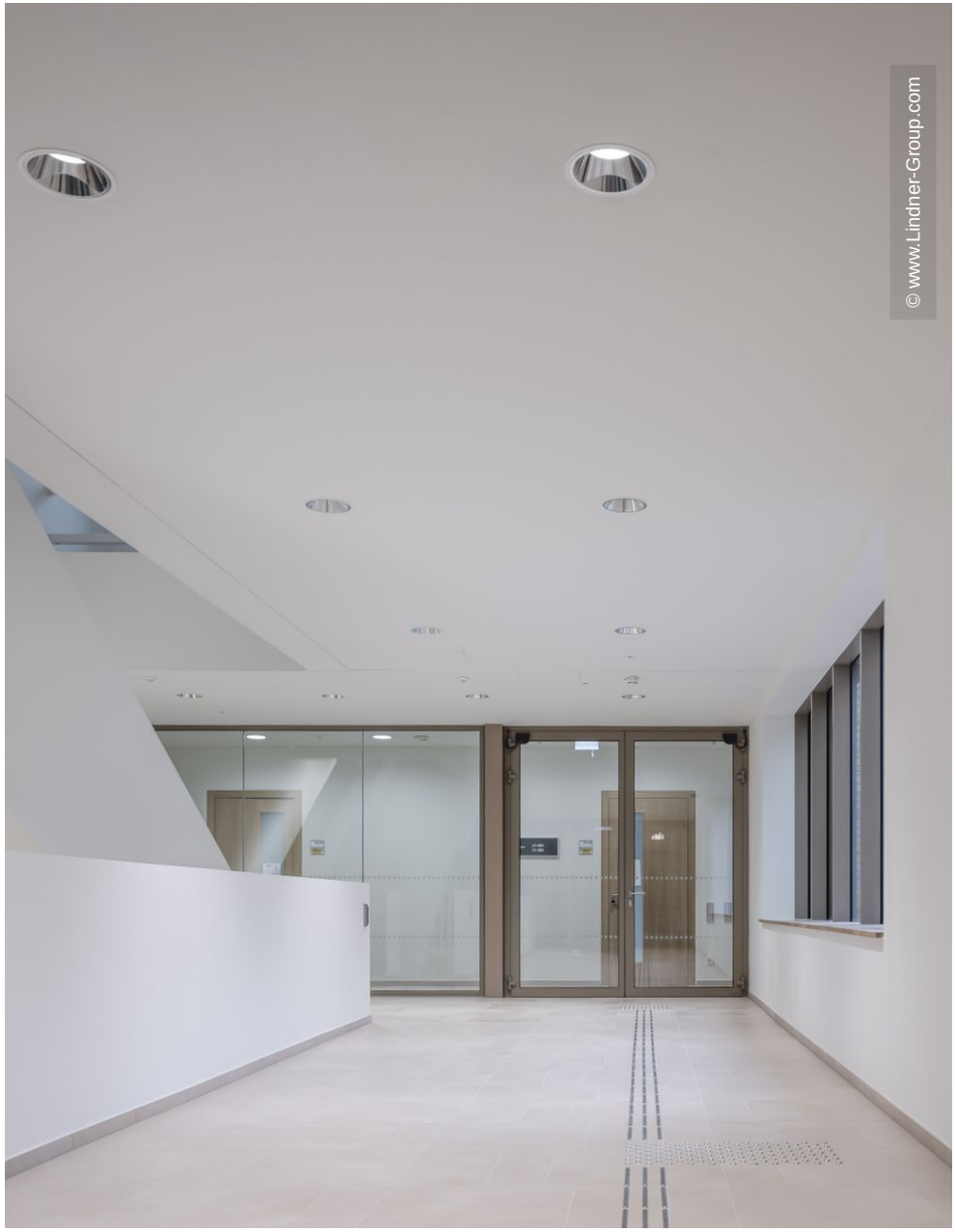
Line 55A
Steel grid systems
Line 100S Type 2
Integrated lights
SH LED-U3

- **Doors**

  Wooden doors

- **General Contracting**

  Dry construction works
  Carpentry
  Tiling works
  Painting works
  Floor covering works
  Metalworks
  Screed works
  Plastering works
  Cleaning works
  Furniture
  Floor coating works
  Building services insulation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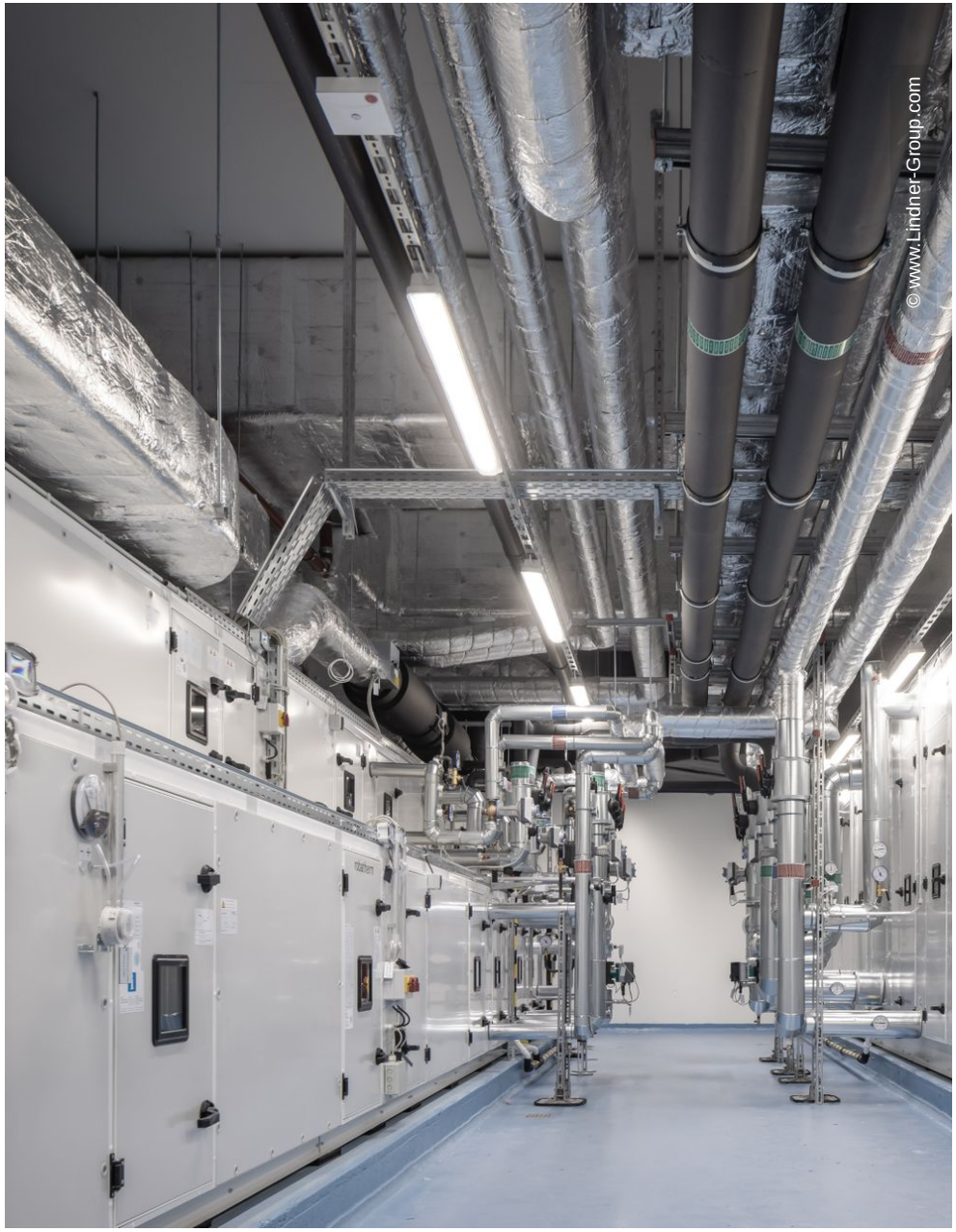
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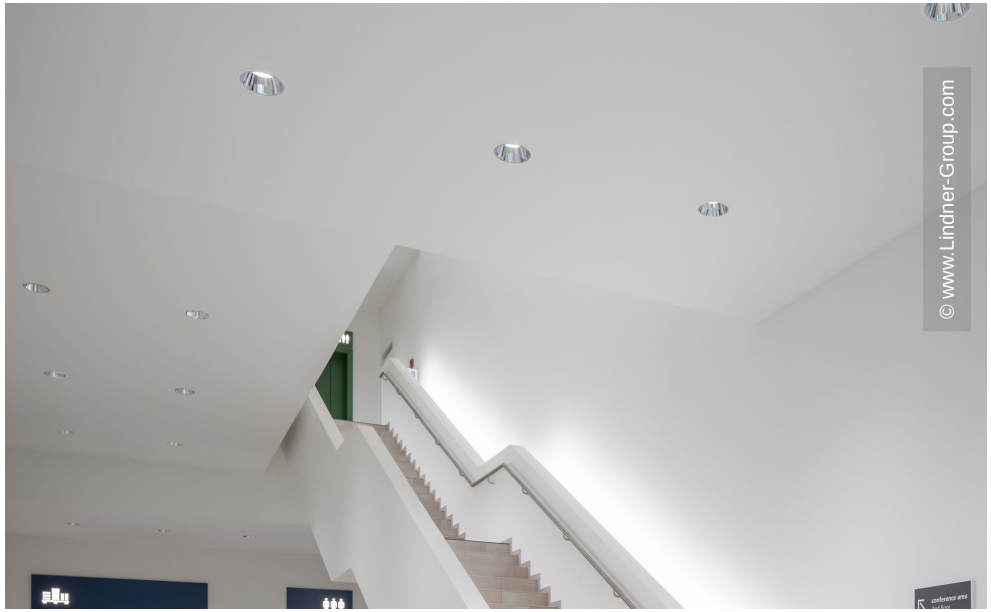
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