

Concepts

Products

Service



Immaculate results.

Solutions for clean rooms and laboratories from Lindner.



Lindner

Building New Solutions

Building new solutions.

Lindner undertakes major worldwide projects in all areas of interior finishes, insulation technology, industrial services and building facades. From pre-planning through to project completion Lindner is your partner of choice.

The Company's extensive manufacturing capability enables quality to be strictly maintained whilst allowing maximum flexibility to meet individual project requirements.

Environmental considerations are fundamental to all Lindner's business principles.

Through partnerships with clients Lindner turns concepts into reality.

Choosing Lindner you have:

Lindner Concepts:
Tailored solutions specifically geared to satisfy individual project requirements

Lindner Products:
Quality materials and systems to the very highest industry standards

Lindner Service:
Comprehensive project management services

A clean slate!

We develop innovative
clean room concepts.

Discover our unique solutions.

- Many years of experience
- All services from one source
- Your requirements define our services
- Individual systems and special solutions
- Single components and entire systems from our in-house production

The perfect measure for individual service: 360°.

Our 360° back-of-house support gives you access to all our services, either individually or as a coordinated process chain.

Convincing solutions convincingly delivered.

For innovative clean room concepts we are your partner of choice, with many years of experience. Clean rooms are individually manufactured to specific project requirements and are equipped to satisfy individual design ideas. This is an undertaking which we particularly enjoy. In conjunction with you we develop complete integrated solutions down to the smallest detail.

More room for fresh ideas. Lindner Research, Development and Design.

Our in-house research and development department and worldwide production facilities enable us to implement system and special solutions to suit your requirements within a short timeframe. Designers, engineers and technicians are available throughout the planning phase of your project to ensure a perfect, economical clean room solution.

Clean assembly. Lindner Installation.

Installation is one of our many strengths. No matter where in the world, we deliver and install clean room systems on schedule, ensuring that you benefit from specialist installation and made-to-measure clean room solutions.

The bearer of good services. Lindner Service.

At every stage of your undertaking all our efforts are concentrated on one goal; your project. We can carry out any service for you, from general planning through to development, delivery, installation and facility management. At the same time our adaptability to new technologies guarantees you consistently high quality. On request we can provide you with a supervisor within a short space of time.

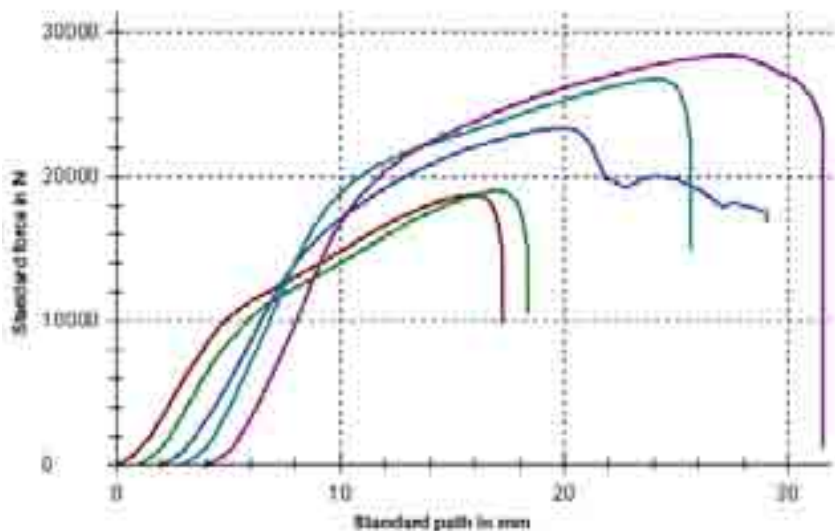


Over 40 years of competence. We will gladly take over the complete implementation of every step of your project:

- Analysis and consultation
- Planning and completion
- Training and maintenance

Competence in its purest form. Lindner Clean Room Systems.

Many years of knowledge, highly qualified staff, the latest equipment and state-of-the-art measuring technology – all good reasons why we satisfy the most stringent of requirements time and again. In collaboration with you, and with extensive engineering and planning know-how, our specialists develop the perfect, most economic clean room solutions.



Planning and determination of system components by means of pull-out tests.

You won't see the particles for dust.

An overview of our clean room services:

- Analysis of general site conditions
- Advice on different solutions
- Draft and execution planning
- In-house manufacture of all central clean room products
- Delivery and complete installation of construction components
- Technical infrastructure
- Project and site management
- Training and supervision of staff
- Technical building services
- Extensive, long-term maintenance and service programme

Under the best conditions. Lindner Ceiling Systems.

You have a choice of different types of ceiling systems and modules. Depending on your specific needs and the clean room class required, we will manufacture the best solution for your project. Your creations ideally suit state-of-the-art production facilities.

Thanks to our distinct knowledge and high volume production capacities we can also produce special, made-to-measure ceilings within a short timeframe.

The perfect finish. The major advantages of our products:

- We provide everything from one source
- We manufacture to the highest quality standards

The best for particle-free rooms.

A look at our ceiling systems:

Dependent on your requirements we manufacture aluminium Post Cap ceilings, Clip-In-Swing-Down ceilings, Cross-Joint or Sandwich ceilings in a variety of surfaces and coatings. All ceiling systems are easily accessible and maintenance-friendly.



Campeon, Neubiberg

A meeting between flexibility and reliability. Lindner Partition Wall Systems.

Are you looking for a product that can be adjusted to spatial changes at any time?

Nothing gets in the way of your room planning. Thanks to our modular design you can install and replace individual elements even after installation – so your ideas know no limits.

Of course all our partition wall systems can be easily combined with our flooring and ceiling systems. This means that our in-house production can always meet your specific requirements.

The ideal frame.

With our partition wall systems:

- Shell construction
- Wall construction for hanging furniture
- Modular design
- Aluminium support construction
- Sandwich construction



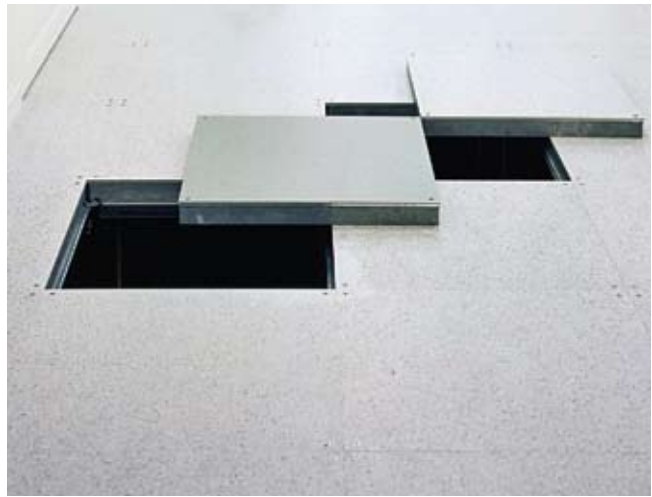
Build on our many years of knowledge.

We can also provide made-to-measure solutions – whether fireproofing, sound proofing or radiation protection and either flush- or surface-mounted.

German Homeopathic Institute, Karlsruhe



Technical University, Dresden



Heidenhain, Traunreut

Perfectly tidy. Lindner Flooring Systems.

We enjoy a worldwide reputation as recognised specialists for clean room floors.

What is special about our floors?

- Highest precision
- Abrasion resistant
- Corrosion resistant
- Anti-magnetic
- Outstanding electrostatic conductivity
- High load-bearing capacity
- Lightweight
- Highly cost effective
- Long life-span
- Various types of surfaces

Load bearing capacity, air flow and electrostatics are important criteria to consider when choosing the most suitable product. Our aluminium raised floors meet all technical requirements when it comes to high-quality clean room solutions. We manufacture your flooring systems with the highest precision and accuracy. Our floor solutions are supplied as full panels and ventilation panels with up to 54% open area, which we will also gladly produce retrospectively from full panels.

A real ray of light for clean rooms. Lindner Lighting Systems.



Geframed, Bonn

Ideal lighting environment
and a comfortable feel –
create the best conditions
with our lighting units.

Particularly high requirements are placed on your clean room when it comes to lighting lux levels and the sealing of the light fittings. We have therefore developed a special clean room lighting range.

This range is compatible with all clean room ceilings and, by applying our lighting calculations, can be adjusted to suit your clean room. We supply you with integrated and surface-mounted lights which comply with the most stringent of requirements – they will be the highlight of your project.

Enlightenment for every idea. Our lighting systems:

- Compactly designed integrated lights
- Can be installed at the intersection between the ceiling and the wall
- Can be surface-mounted

A good exit solution for unwanted air. Lindner Ventilation Components.

Our products fulfil all criteria when it comes to removing particles and germs.

When it comes to hygienic conditions in clean rooms, the ideal air ventilation system plays a vital role. We supply specially developed ventilation products from adapted ceiling panels for air supply and/or extracted air through to software driven filter fan units and overflow units for wall installation.

We equip all areas of clean room technology with the necessary ventilation components – and as economically as possible.

Fresh air for your clean rooms. Filter fan units in various designs:

- Powder coated
- Aluminium or stainless steel
- Installable with a pre-filter element
- Available with optional cooling or heating elements
- EC technology controlled via a PC or hand-held device

Silicon Sensor, Berlin



On the cutting edge of cleanliness. Lindner Technical Accessories.

The optimal technical accessories are of vital importance for the efficiency of your clean room solutions.

With the correct technical building equipment you can always keep an eye on your clean rooms. From start-up to hand-over we carry out complete qualification, validation and documentation of your facilities. This way you ensure optimal use and maximum productivity of your clean room.

Technical equipment for every requirement:

- Heating and cooling technology
- Ventilation and air conditioning
- Process air
- Sanitary engineering
- Electro and safety technology
- Building automation and building control technology



Leine & Linde, Strängnäs, Sweden

Pharma and Biotechnology – would be better if it was all on one line.

Thanks to our many years of experience in this sensitive area of production we can comply with the most stringent of requirements as well as general legal conditions. Our competent specialists are on-hand to plan, implement and support your projects.

Whether completely new facilities, individual components or effective refurbishment – we develop user-friendly clean rooms for research and development institutes as well as for industrial manufacture.

Are you looking for a solution that fulfils all requirements for the protection of your personnel and products?



Hygienic – with no risk of side effects. The appropriate clean room for every area:

- Pharmaceutical production
- Chemists
- Solids and liquids
- Biotechnology and genetic engineering
- Sterile packaging
- Adjuvants and base materials

Fraunhofer Institute for Biomedical Engineering, Sulzbach



BrainSUITE, King Fahad Medical Centre, Riyadh

Finally – an economical health system. Medical engineering.

Lindner offers excellent clean room solutions with brilliant value for money.

For medical engineering projects we manufacture complete innovative solutions that prove themselves through their versatility and flexibility.

From production rooms for implants and dialysis aids through to operating theatres and isolation stations and clean rooms for the adjuvant industry – with our modular construction system we can respond to your special requirements and spatial conditions at any time.

Germ-free for everyone. Preventative advantages:

- Ergonomical due to function-orientated planning
- Time-saving due to prompt implementation
- Investment security due to interchangeable modules
- Economical due to standardised elements

The Embodiment of Perfection. Electronics and surface technology.



Campeon, Neubiberg

The electronics industry is subject to sudden and constant changes. As we are continuously developing both technologically and in our processes and materials we can react quickly and flexibly to such changes.

Whether it's about the planning, construction and operation of finished production facilities or the refurbishment and optimisation of individual facilities, electronics companies worldwide trust our exceptional competence, due to our many years of knowledge and our enormous powers of innovation. Through targeted investments and continual optimisation of technology, processes and materials,

we can provide you with efficient solutions based on state-of-the-art clean room technology, both now and in the future.

A clear signal for innovative concepts. Clean room solutions for:

- Semiconductor technology and conductor boards
- Coating technology
- Storage media and displays
- Wafer manufacture and super-conductivity
- Inspection rooms/research and development

Flawless precision. Microsystems & precision mechanical engineering and optics.

Sum of the individual parts. For every product area there is an efficient solution:

- Lens systems and mirrors
- Micro-sensors and micro-actuators
- Ball bearings
- Satellite applications
- Gyrocompass

For 40 years we have been growing in experience with each project, especially in the areas of Microsystems, precision mechanical engineering and optics. We aim to become a pioneer when it comes to planning, constructing and operating technical innovations for clean room solutions. Benefit from the combined expertise of our specialists – in conjunction with you we will develop a fitting solution of the highest quality.

Heidenhain, Traunreut



Our solutions are on everyone's lips. Food technology.

Quality, price and warehouse conditions – we are your experienced partner of choice for the fulfilment of your objectives.



When it comes to planning and building your facilities, we supply you with efficient solutions and innovative products which are modified to suit your production processes. From constant warehouse temperatures and humidity levels through to completely germfree conditions – rely on our clean room experience and create perfect conditions for your production facilities. We comply with all your requirements and conditions and your individual needs determine our made-to-measure services.

Illustrations on this page:
Hans Kupfer & Son, Heilsbronn



Just the way you want it.

We make space for:

- Drinks and alcohol manufacture
- Milk preparation
- Fruit juice bottling
- Meat preparation
- Cultivation of mushrooms
- Research and development

No question left unanswered. Lindner Laboratory Solutions.

Tailored exactly to your needs, we manufacture our unique laboratory wall system Labline®, allowing us to install your equipment as an integrated wall unit and allowing you to keep your rooms in a hygienic condition at all times and to replace or install fittings cost-effectively. A further advantage of this wall-integrated laboratory equipment is that it is height adjustable, enabling your staff to set their own comfortable working height.

NFI, The Hague



Tailor-made flexibility. Your advantages:

- Modular design
- Free legroom due to wall-integrated table construction
- Height adjustable worktops
- Simple, retrospective electric and media cable installation possible
- S1 - S4 safety laboratories for research, development and analysis to DIN EN 12128





Completely and entirely special. Lindner Special Solutions.

Your products and needs determine our offer. We provide you with flexible solutions for any type of production facility.

From overflow units, self-supporting units and material, personnel or document locks through to protection against explosions – with our innovative products and services we can always fulfil your individual special requirements.

We can do it all for you.

Lindner Concepts:

- Insulation Engineering and Industrial Service
- Clearance of Harmful Substances
- Clean Rooms and Laboratories
- Airports and Airlines
- Railways and Tunnels
- Studios and Concert Halls
- Interior Fit-out and Furnishings
- Cruise Liner and Ship Fit-out
- Hotels and Resorts
- General Contracting

Lindner Products:

- Facades
- Ceiling Systems
- Lights and Lighting Systems
- Partition Systems
- Doors
- Floor Systems
- Heating and Cooling Technologies
- Dry Lining Systems

Lindner Service:

- Green Building
- Development and Design
- Delivery
- General Planning
- Installation
- Maintenance
- Public-Private Partnership (PPP)

Lindner

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