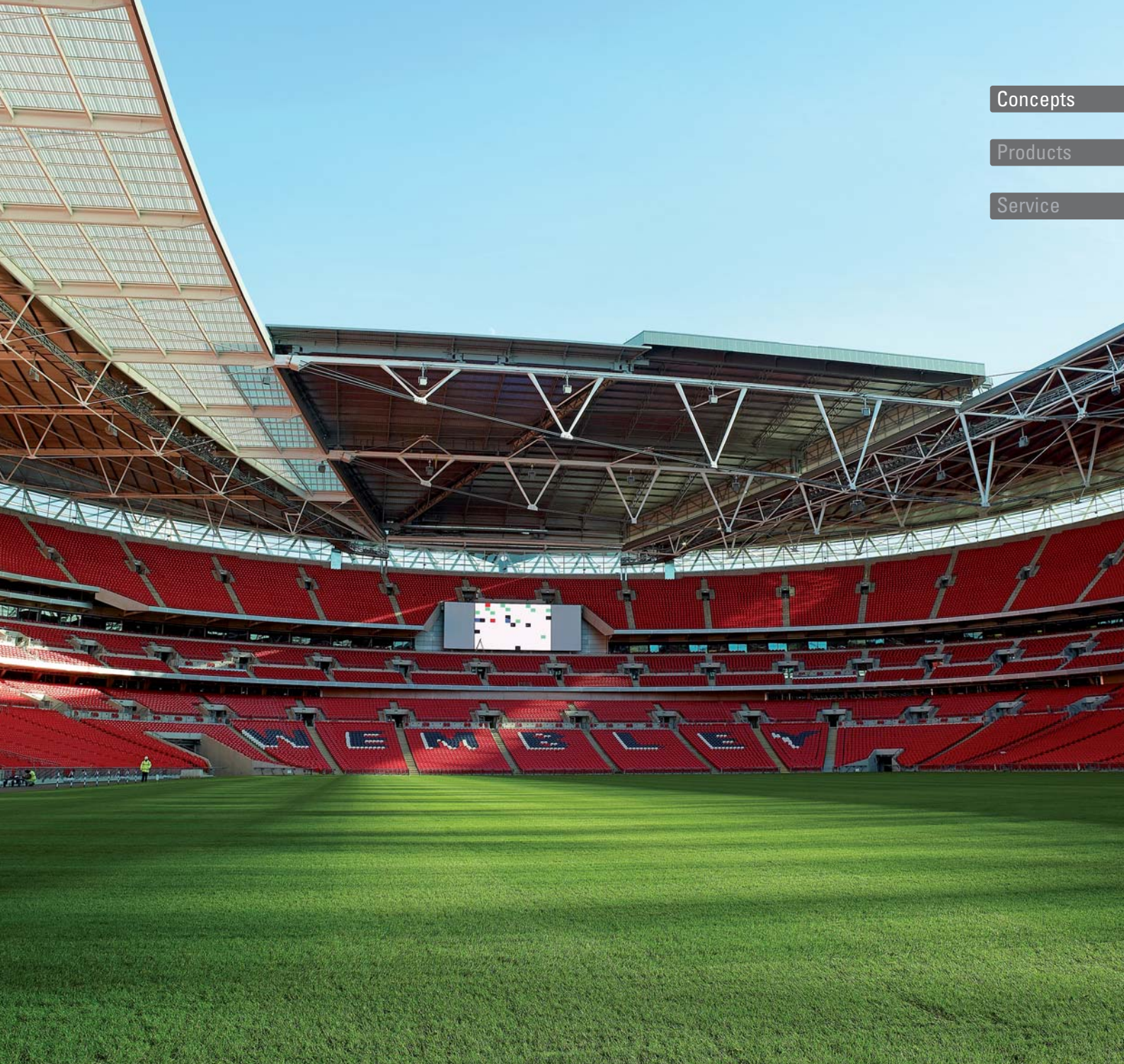


Concepts

Products

Service



**The field at heart.**  
Lindner Stadiums & Arenas



**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

# Addressing offense and defense.

And the rest of your senses.

## **Game-changing benefits when teaming up with Lindner:**

- The only specialist for complete interior fit-out and building envelope
- Design, mock-up, manufacture and installation from one source
- Specialty expertise, e.g. for high-grade lounge fit-out and shops
- Excellent international network of partners
- Comprehensive knowledge of the relevant security and safety scope



# Lindner – your global partner for stadiums and arenas.

Lindner has built a worldwide reputation of reliability and excellence as a manufacturer and installer of high quality interior products and high class facades. To achieve our motto “Think globally – act locally”, and to consider the ecological, economical, and cultural differences of our local surroundings, we carry out projects through a long-standing network of competent specialist partners and Lindner subsidiaries.

## **Renovation or new construction: complete solutions from one single source.**

Lindner has been involved in countless revitalisation projects and new constructions in a wide variety of applications, ranging from offices, clean rooms, studios and concert halls through to entire airport terminal buildings. With Lindner Facades and the long-experienced Prater as part of the international Group, the fit-out specialist of more than 45 years offers a unique combination of highly adaptable products and services for the exterior and interior of your stadium or arena.



## Lindner Concepts-Products-Service: Rely on our quality roster for your upcoming game.

- Airports and Railways
- Clean Rooms and Operating Theatres
- Cruise Liner and Ship Fit-out
- General Contracting
- Hotels and Resorts
- Insulation and Industrial Service
- Interior Fit-out and Furnishings
- Special-Purpose Constructions and Stadiums
- Studios and Concert Halls
- System Buildings
- Ceiling Systems
- Doors
- Dry Lining Systems
- Facades
- Floor Systems
- Heating and Cooling Technologies
- Lights and Lighting
- Partition Systems
- Roofing Systems
- Steel & Glass
- Clearance of Harmful Substances
- Construction Management and Project Development
- Deconstruction and Interior Demolition
- General Planning
- Global Product Supplies
- Green Building
- Industrial Scaffolding
- Installation and Building Services
- Research and Development



Lindner Group HQ  
Arnstorf, Germany

# Taking responsibility since 1965 – especially for the future. Lindner Green Building.

In everything we do it is our aim to continually minimise the use of energy and resources thereby protecting the environment as well as increasing the efficiency of all projects. One of our basic aims is to significantly reduce energy consumption during production, while reducing, recycling or disposing of unnecessary waste in an environmentally friendly way. The perfect base for successful projects from our point of view.

**Building sustainably with Lindner.**

- Creation of an all-encompassing green building concept including waste management
- Use of high-grade, low-impact raw materials
- Highly durable and economical products with outstanding functional properties
- Comprehensive verification of ecological material attributes through Environmental Product Declarations
- Building certification consultancy, e.g. for DGNB, LEED, BREEAM standards





Photo: © Nigel Young / Foster + Partners  
Use by courtesy of Wembley Stadium Ltd

## Range of applications for stadiums and arenas.

### Interior

- Shops and shopping malls
- Lounges
- Offices and meeting rooms
- Locker rooms and gyms
- Studios and press booths
- Museums
- Restaurants and dining rooms

### Exterior

- Facades
- Main roofing
- Fall-protective balustrades
- Steel & Glass structures
- Corrosion-protected suspended ceilings and wall cladding
- Seating

### **A one stop shop: comprehensive Lindner support for your project.**

Possessing a wealth of experience from many international construction sites, our more than 400 architects, engineers and technical draftsmen synchronise all interior and exterior trades and will surely find the most economical solution for each project. Still and all, transparency is always our top priority. We make a realistic cost estimate at the outset of the project so that you can be sure that it will not exceed your budget.

# Creating a safe environment for events to remember.

Safety comes first – from theory through to implementation. That is why we won't leave anything to chance.

Lindner excels in designing interdisciplinary solutions benefitting from hands-on fundamental knowledge as a manufacturer and contractor. This includes, for instance, the development of overall fire protection concepts for your stadium, noise control measures as well as giving answers to demanding tasks regarding statics or building physics.

We will verify these individual designs through simulation, prototyping and thorough testing before carrying out the project, using in-house R&D facilities and external institutes.

## Essential specialty disciplines for stadiums and arenas.

### **Fire Protection**

Based on your specific requirements and on-site assessments, we develop and tailor fire protection concepts for your entire building, assist you in selecting the best systems for it and make sure during production and installation that our fireproof ceilings, partitions, luminaires, doors and raised floors will fit seamlessly and safely.

### **Acoustics/Noise Control**

The acoustic design package includes calculating and regulating room acoustics, building acoustics as well as noise emissions and immissions, based on the wide range of Lindner products, such as acoustically effective absorbers and cladding, sound insulating ceilings and anti-drone coating.

### **Bomb Blast Protection**

Protection against terrorism and vandalism plays an important role in locations where crowds of people come together. Lindner has developed and successfully tested special wall cladding, suspended ceilings, partitions, raised floors and balustrades for maximum human safety, which prevents the spreading of splinters or parts of the respective product in case of an explosion.

### **Clearance of Harmful Substances**

When renovating your existing building, Lindner will take care of the preliminary challenges as well: applying state-of-the-art technology, we safely and sustainably remove all contaminated material, renew protective coatings, thus creating a healthy environment for all subsequent works on the interior and exterior.

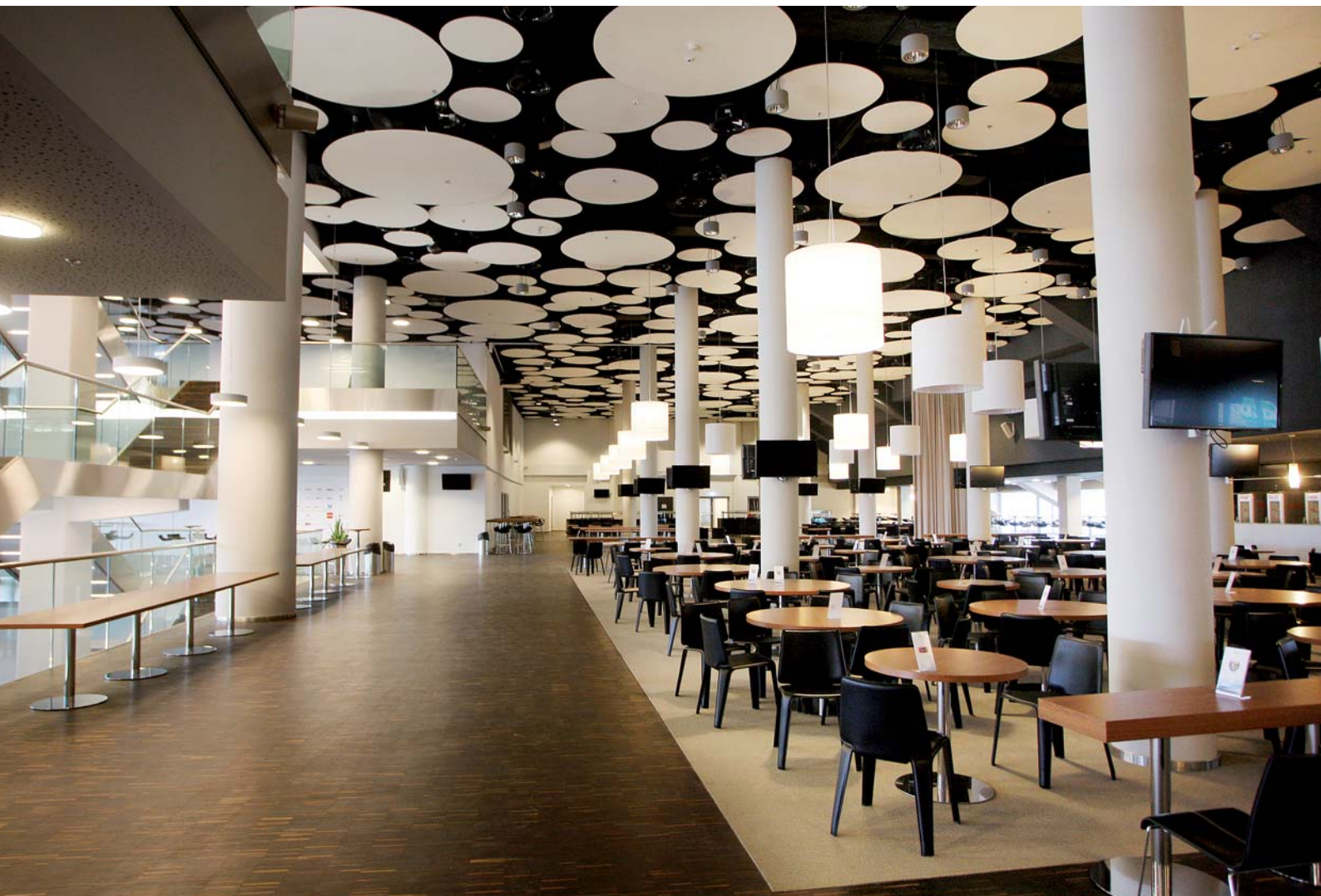
# Miejski Stadion, Wrocław

Client: Gmina Wrocław

Architect: JSK Architekci Sp. z o.o. Warsaw

Scope of interior fit-out works:

- Hollow floors FLOOR and more®
- Raised floors NORTEC
- Gypsum board canopy ceilings
- Gypsum board ceilings
- Metal partitions





The Miejski Wrocław Stadium was built as part of the sports infrastructure initiative leading up to the 2012 European Football Championship in Poland. Lindner was assigned with interior fit-out works of the stadium's restaurant, locker rooms and lounges. In an area of up to 5,000 m<sup>2</sup>, raised and hollow floors, clean room and metal walls, Aquaroc panels and cement screed were installed.





# Emirates Stadium, London

Client: Arsenal Football Club

Architect: HOK Sport

Construction: Sir Robert McAlpine Ltd

Scope of works:

- 27,200 m<sup>2</sup> single ply waterproofing, aluminium soffit trays, GRP walkways and step-overs, aluminium bullnoses and fascias
- 6,500 m<sup>2</sup> polycarbonate sheeting





London's second largest football stadium was completed in 2006 and represented a new type of arena with its consequent emphasis on maximising the spectator experience.

The building envelope specialist Prater was assigned the task of completing the translucent polycarbonate roof. Its design follows the idea of bringing as much sunlight as possible to the field while completely covering the stands.





# Olympic Stadium, London







Client: Olympic Delivery Authority  
Architect: Populous  
Main Contractor: Sir Robert McAlpine

To the Olympic stadium, Prater detailed, procured and installed 3,000 m<sup>2</sup> of:

- ACM cladding
- roofing
- rainscreen system
- waterproofing
- curtain walling

To the ArcelorMittal Orbit Tower, Lindner Facades provided:

- blast resilient glazing
- brise soleil and steel rainscreen cladding
- entrance glazing and doors
- cladding

Central to the vision for the 2012 London Games was to create facilities that would provide world-class venues and form a legacy of sustainable facilities for future use by the City.

Prater detailed, procured and installed 3,000 m<sup>2</sup> of ACM cladding and this was combined with 60 mm of rigid phenolic boards to create an insulated rainscreen system. Above this, a further 900 m<sup>2</sup> of matching ACM soffit profiles were installed with supporting framework.

In addition, for the vision areas around the facades to the main stadium, Prater supplied a capped curtain walling package. Also featuring within the areas of curtain walling were the trackside VIP boxes and hospitality suites.

The ArcelorMittal Orbit is a 114.5 metre tall observation tower in the Queen Elizabeth Olympic Park in Stratford, London. The iconic structure is located between the Olympic Stadium and the Aquatics Centre and it allows visitors to view the Olympic Park from two observation platforms.

Lindner Facades provided the blast resilient glazing, brise soleil and steel rainscreen cladding to the two storey viewing platform of the ArcelorMittal Orbit Tower. Also provide the entrance glazing and doors at ground level and cladding to the plant rooms.



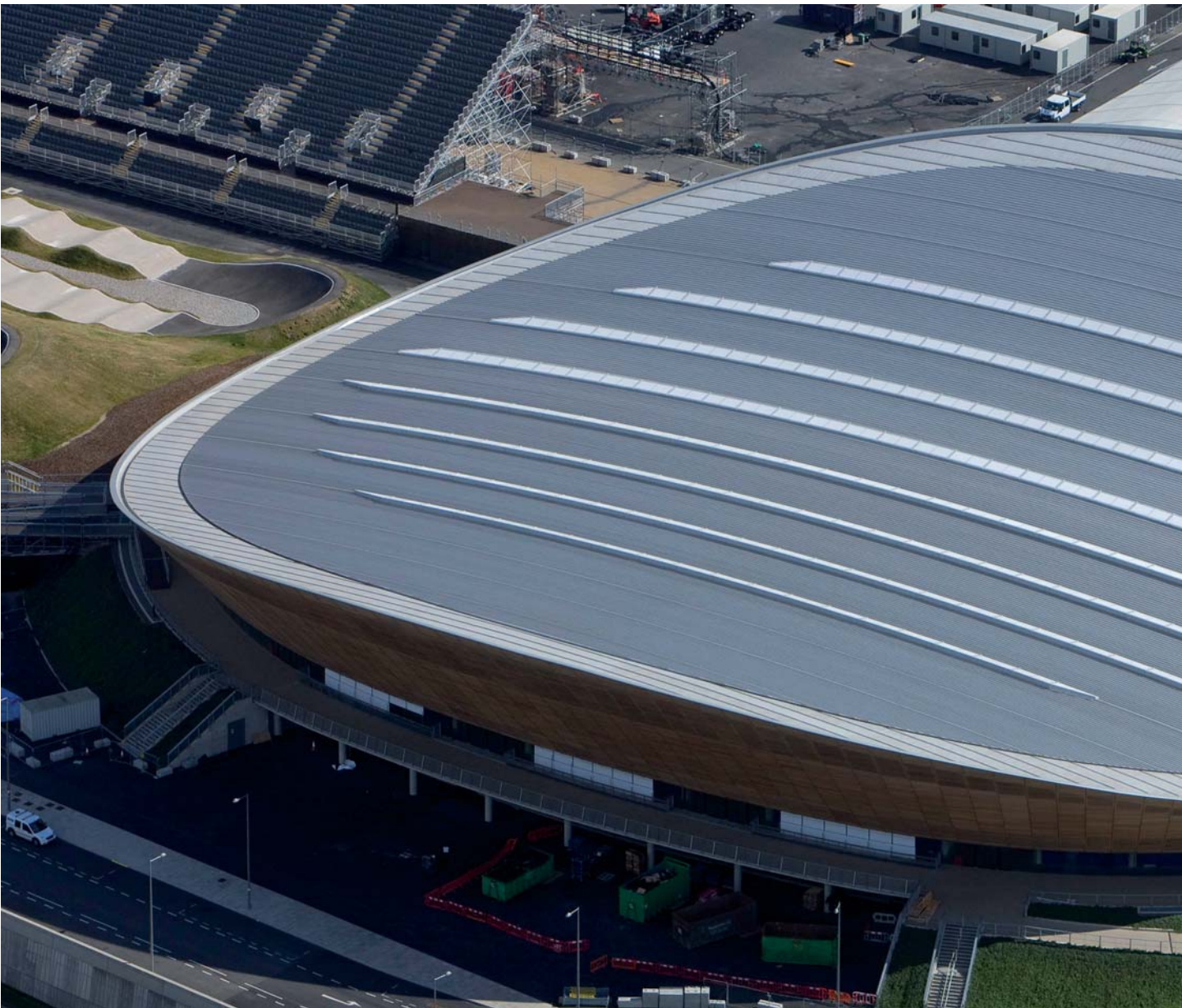
# Olympic Velodrome, London

Client: Olympic Delivery Authority

Architect: Michael Hopkins

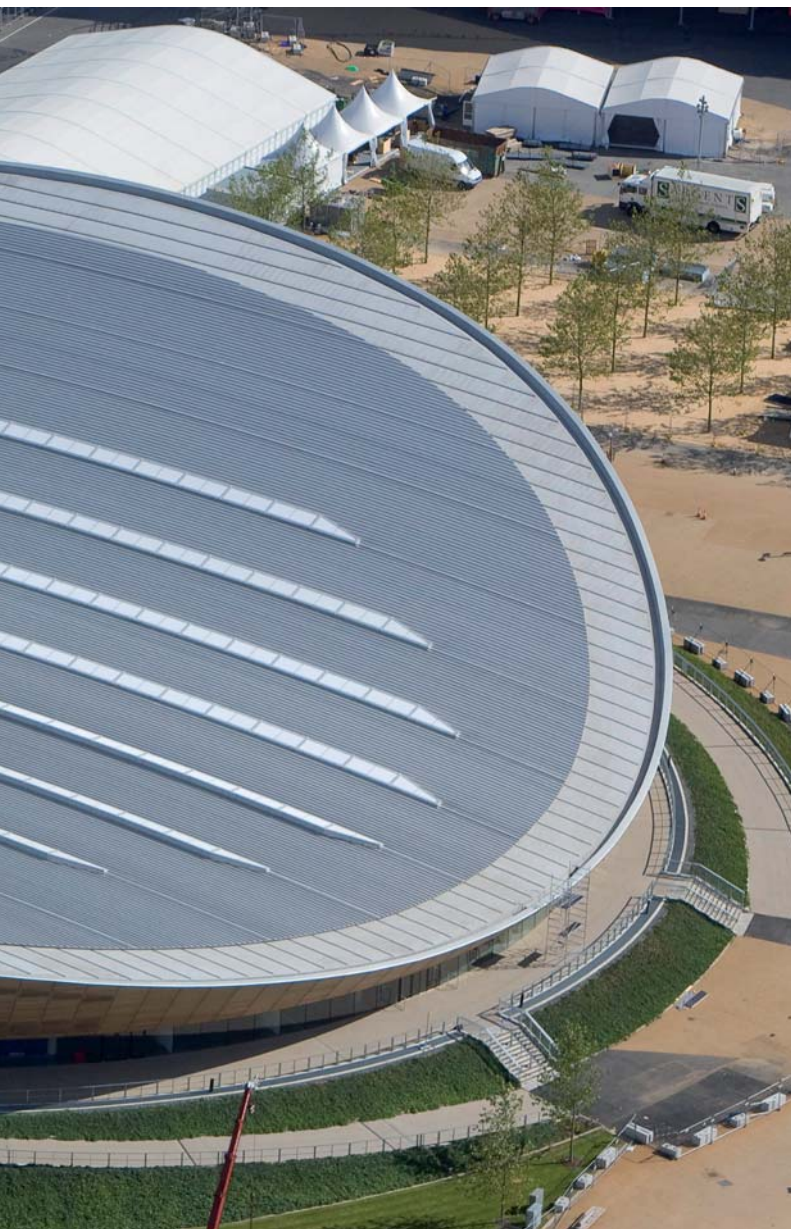
Scope of works:

- 13,000 m<sup>2</sup> standing seam roof
- Rooflights
- Bull nose





The Velodrome is the most sustainable venue on the Olympic Park in terms of design and construction. Prater specified recycled materials where possible, such as the aluminium coil used for the roof sheets, to ensure the roof met the sustainability targets. The roof lighting reduced the need for artificial lighting, natural ventilation minimised the need for air conditioning and water saving fittings were installed to collect rainwater for reuse.





# Wembley Stadium, London

Client: Wembley National Stadium  
Architect: Foster and Partners

- Supply and installation of approx. 100,000 m<sup>2</sup>:
- Customised curved and triangular-shaped canopy ceilings
- Customised baffle ceilings
- Gypsum board ceilings with inspection hatches
- Acoustic ceilings
- Exterior aluminium ceilings
- Lindner Life 125 partitions
- NORIT floor systems



Photo: © Nigel Young / Foster + Partners  
Use by courtesy of Wembley Stadium Ltd





Wembley Stadium was built in 2007 in the spot of the legendary ,early' Wembley Stadium. It is one of the largest arenas in Europe and surely one of the most scenic worldwide.

Lindner was responsible for carrying out a comprehensive interior fit-out package (and some exterior works) worth approx. 21 million Euros.



# Lindner Stadiums & Arenas

Try us, we can fill any position you need us in – for the building envelope, interior fit-out and industrial services.



absorbers  
acoustic design  
aluminium/steel windows  
auditoria  
automatic doors  
balustrades  
blast-enhanced systems  
chilled ceilings  
clearance of harmful substances  
composite materials  
corrosion-protected systems  
deconstruction and gutting  
doors  
dry lining works  
emission control  
exterior ceilings  
facades  
fascias  
fire protection  
furniture and fixtures  
gates  
glass partitions  
glazing  
green building  
heavy-duty flooring  
hollow floors  
impact-resistant fit-out  
industrial scaffolding  
insulation  
interior fit-out

LED lighting  
locker room fit-out  
lounge fit-out  
luminaires  
membrane structures  
metal ceilings  
museums  
office fit-out  
product customisation  
prototyping  
rainscreens  
raised floors  
roofing  
room-in-room systems  
seating  
shopping malls  
shops  
smoke barriers  
spatial structures  
static analysis  
steel & glass structures  
studios  
system buildings  
tensile structures  
tiered floor systems  
underfloor heating  
visitor centre  
visitor orientation system  
waterproofing  
wood partitions

## We can do it all for you.

### Lindner Concepts:

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- Cruise Liner and Ship Fit-out
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- Industrial Scaffolding
- Installation and Building Services
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