30 Crown Place, London EC2
Bold design makes this a striking addition to the London skyline. Occupying an important site close to Liverpool Street Station this Head Quarters building offers 189,000 ft² (17,500 m²) of office space.
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.
Unitised curtain wall facade and rainscreen cladding.

The main envelope installation was achieved without scaffolding by using a pre-fabricated and pre-glazed unitised form of construction. The bespoke curtain wall elements typically 3 m wide by 3.9 m high were manufactured off-site at our Head Quarters in Arnstorf, Germany and delivered to site by road.

Large elements were lifted vertically from ground level to the floor where they were to be installed by using a “Lifting Chimney” system. They were then traversed horizontally on a mono-rail to their final installation position on the building.
Scope of works.

Facade types and scope

Design, manufacture and installation of bespoke cladding systems including:
- 14,000 m² fully unitised curtain wall elements
- Single glazed fins
- Glass roof to atrium
- Scenic lift shaft glazing
- Glass balustrades to terraces
- Photovoltaic louvre panels over roof top plant
- Copings, soffits, cills
- Main entrance area and doors
Unitised Facade to Offices

The main envelope is comprised of prefabricated and pre-glazed curtain wall elements with a natural anodised finish. Intermediate transoms and a variety of fritted and clear glazing with insulated spandrels at the floor plates provides the distinctive chequered effect in the facade elevations. Low profile gaskets give the visual impression of silicon glazing but has the benefit of a mechanically retained glazing system. Projecting single glazed fins soften the outline of the building and create architectural interest. In the cut between the two main office blocks is a glazed roof over an atrium. As the roof of each building slopes up a series of stepped terraces are created with glazed walls and doors.
Technical details.

Facade performance – tested to CWCT sequence B

- Watertightness static and dynamic: 600 Pa
- Air permeability: 600 Pa
- Thermal insulation curtain wall: $U_{w} = 1.4 \text{ W/m}^2\text{K}$
- Thermal insulation glazing: $U_{g} = 1.1 \text{ W/m}^2\text{K}$
- Solar shading / glazing g value: 0.26
- Light transmission: 48 %

Facades tested to CWCT sequence B to 600 Pa including dynamic aero engine test. Double glazed units to the vision areas has a combined high performance solar control and low-e coating to give good thermal insulation and high solar shading yet with good light transmission.

Typical elevation and section details of capped glazing system
Glazed fins.

Single glazed fins are a major feature of the building. They are connected to the primary structure via thermal isolators and have low profile gaskets.
Roof terrace glazing personnel doors, insulated metal panels, soffits and glazed balustrades complete the envelope package.
Fully glazed walls to the scenic lifts provide a spectacular view across the city of London.
Photovoltaic panels and support structure to roof terraces.
We can do it all for you.

Lindner Concepts:
- Insulation Engineering and Industrial Service
- 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
- Deconstruction and Gutting
- Clearance of Harmful Substances
- Research and Development
- Delivery
- General Planning
- Installation
- Maintenance
- Public-Private Partnership (PPP)