



A Place Students will enjoy...

The project is the central building of the campus of the of the London School of Economics and Political Science - LSE based in central London and consists of two buildings and a connecting atrium. Dobler Metallbau supplied the complete outer shell including brise soleil, natural stone, press metal cladding and atrium roof as well as copings, soffits, doors, gates and railings.

The façade designed by Rogers, Stirk, Harbour and Partner (RSHP) impresses with numerous details and different façade types, the colour scheme as well as the external vertically arranged brise soleils. RSHP also remained true to its architectural language in this building and arranged the statically supporting elements outside the building, in front of the façade. This had to be taken into account in the façade construction as well as in the installation method. Another challenge for the façade is the building's climate concept, which works without air-conditioning technology, but natural ventilation. Aspects that the façade engineers at Dobler Metallbau gladly accepted. The result is an innovative building that has already won numerous awards.



Façade view Houghton Street



Detail view main entrance

Client:

LSE -London School of Economics and Political Science

Employer/Site Supervision:

Mace Ltd., London

Planning Architect:

Rogers Stirk Harbour + Partners (RSHP), London

Façade Consultant:

Wintech Ltd., London

Installation Time:

01/2018 - 06/2019

Extent of Work:

Design, production, delivery and installation of the façade types and constructions mentioned below.

Façade Area & Quantity:

7.200 m² unitised façade

600 m² stick system

2.700 m² ventilated façade

220 m² atrium façade

brise soleil, press metal cladding, side hung doors, revolving doors, steel as well as fully glazed railings, copings, soffits, etc.

Glass:

Glass build up: laminated 44.2 partially strengthened / 16 mm cavity argon / laminated 44.2 partially strengthened

L_T -value: ≥ 68 % light transmission

Solarfactor (g -value): ≤ 36%

U_g -value: ≤ 1,0 W/(m²K)

Sound reduction value: ≥ 33 dB

Sun protection coating: SOLARWER neutral 70/37

Surfaces:

Powder coating - several RAL colours, high durable and pre-anodised, anodised E0/C0 and E6/C0

Façade Handover:

2019