

# Sea Containers House, London



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Core-renovated old building with erected rooftop bar - north view with Thames embankment



New building which stands out due to its suspended concrete components

## ... on the River Thames

The Sea Containers House is a striking building on the Thames embankment between OXO Tower and Blackfriars Bridge. After comprehensive core renovation and the erection of new annexes, it currently houses a new first-class hotel including a rooftop bar with an unrivalled view of London city and St. Paul's Cathedral as well as new restaurants and cafés along the river walk. Furthermore, commercial and office space is available in the east and west wing of the renovated old building as well as in the new building on the south-west side. The appeal of the Dobler Metallbau façade lies, amongst other things, in the large concrete components which were first attached to the unitised façade and then installed as a whole.

The proven Dobler pop-in windows (HSF) were used for the hotel and the rooftop bar. The execution of the project was subject to the investor's very ambitious schedule, which allowed for only a period of two years from gutting to completion (core and shell).

### Client/Employer:

ArchLane Ltd / Byrne Group

### Planning Architect/Site Supervision:

tp bennet

### Façade Consultant:

Oculus Façade Consultancy  
NET Project Management & Consultancy Ltd

### Installation Time:

11/2012 - 09/2014

### Extent of Work/ Façade Area & Quantity:

#### Renovation:

5,400 m<sup>2</sup> windows  
1,270 m<sup>2</sup> unitised façade  
750 m<sup>2</sup> stick system (rooftop bar, entrance façades)  
750 m<sup>2</sup> glass screen façade for entrances  
2,200 m<sup>2</sup> sheet metal cladding, soffits

#### New building:

4,700 m<sup>2</sup> unitised façade with glass and concrete components including entrance façades  
740 m<sup>2</sup> all-glass façade for link building  
310 m<sup>2</sup> metal façade  
- parapets, soffit cladding

### Glass:

Glass build up: 10 mm strengthened Ipasol 69/37 / 16 mm cavity / 10 mm laminated float 55.1

$L_T$ -value:  $\geq 64 \%$

Solarfactor (g-value):  $\leq 35 \%$

$U_g$ -value:  $\leq 1,0 \text{ W/(m}^2\text{K)}$

### Surfaces:

Polyester powder coating (PPC), RAL 9007 TIGER Drylac Series 68 (High durable coating including pre-anodising)

### Façade Handover:

September 2014



Overhanging sun blinds and concrete components on the new building