

GLASS + STAINLESS



Case study
The Frames - Phipp
Street / HG Construction



Form and function combine to achieve elegant, minimal aesthetics for HG Construction



The Phipp Street project saw Glass & Stainless provide some internal glass work for a flexible new office space in Shoreditch, Central London. Frameless channel glass was mixed with curved glass and a curved handrail to create 65 linear metres of internal glass balustrades.

Glass & Stainless also provided some of the internal shower screens in the changing area of the building.

Why did Glass & Stainless get involved?

During the Phipp Street project Glass & Stainless collaborated with HG Construction who required frameless glazing with a minimal aesthetic to the handrails. The curved nature of the openings made this job quite difficult to engineer.

As work commenced it was decided that a black powder coated handrail would be the best architectural solution.

Black powder coating was also to be applied to the exposed channels, helping to keep the elegant aesthetic the same throughout the scheme

How did Glass & Stainless deliver on time and within budget?

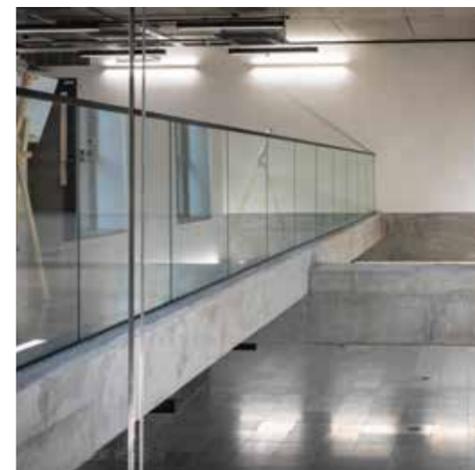
Falling within the £60,000 budget was imperative to the client, and Glass & Stainless engineered all the design solutions appropriately. We had four weeks to manufacture the curved glass, curved handrail and 21.52mm toughened laminated clear glass PVB interlayer, along with the other necessary components. This was then installed on site through a 2-3 week installation period, in time for other work

to commence on the rest of the internal decor. Completing the job on time and in budget was high on the priority list and Glass & Stainless executed that perfectly for the client. HG Construction are happy with the outcome of the 65 linear metres featuring curved glass, curved handrails and a curved channel.

The choice of curved glass is very aesthetically pleasing and as you can see from the accompanying photos, this really completes the space and gives it a professional feel. The glass had to withstand 1.5kN of loading through the 65 linear metres, which it is capable of doing. Allowing plenty of natural light to flow through the side further lit the space and the minimalist feel fits perfectly with the rest of the architecture.

What challenges did Glass & Stainless have to overcome?

The job wasn't without difficulties. Due to the curve of the reinforced concrete not being true on the curve, it left a gap between channel and frame. Glass & Stainless overcame this with a powder coated angle to lose the gap created.



The final result

With flexible office spaces becoming increasingly popular throughout London and the UK, offering working spaces for start-ups and small businesses, we enjoyed being a part of this large project. Offering companies, a mixture of shared open working spaces, meeting rooms and a comfortable working environment, a small canteen and shower/ changing facilities complete the Phipp Street offices. It was both refreshing and exciting for Glass & Stainless to be involved with an up and coming project like this that is revolutionising the way firms work in the city.

The final result at Phipp Street is a sleek, aesthetically pleasing curved glass balustrade that runs through the interior of the room and is both functional and aesthetically pleasing. This completes the space and allows the mezzanines to be used efficiently in this part of the office. As you can see from the photo album below, all parts of the curved glass and curved handrail were finished to a high level, keeping the project elegant and minimalist.



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