

University of Glasgow, *Boyd Orr Building*

CONTRACT VALUE

£4.9m

BUILDING

Boyd Orr Building

PROJECT DURATION

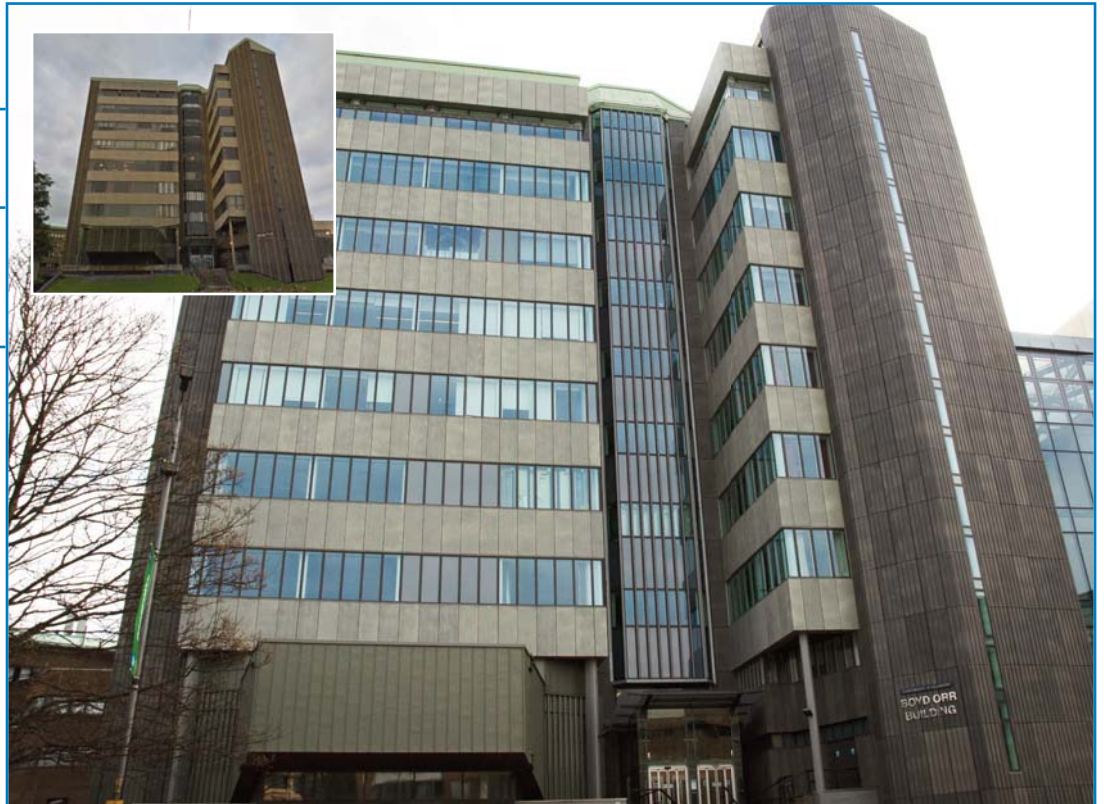
January 2019 - February 2020

Client

University of Glasgow

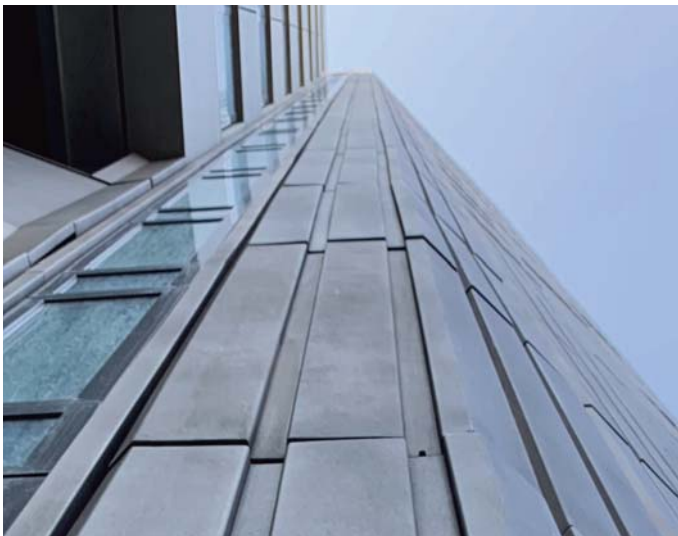
Main contractor Multiplex - Fergus Shaw
07850 656039

“Another very successful project delivered by MPX and delivery partners d+b facade”



PROJECT SCOPE

Full external refurbishment to the 11 storey Boyd Orr tower using aluminium rainscreen overcladding, work undertaken in 4 phases. The project entailed carrying out essential repair work to the concrete shell of the building and attach A1 non-combustible Ribbed Aluminium cassette panels, textured paint cassette panels and Zinc cladding extending the lifespan of the building and improving the insulation. d+b facades are also replaced all the existing single-glazed windows with Velfac Windows, curtain walling and replacement doors, improving the building's energy efficiency.

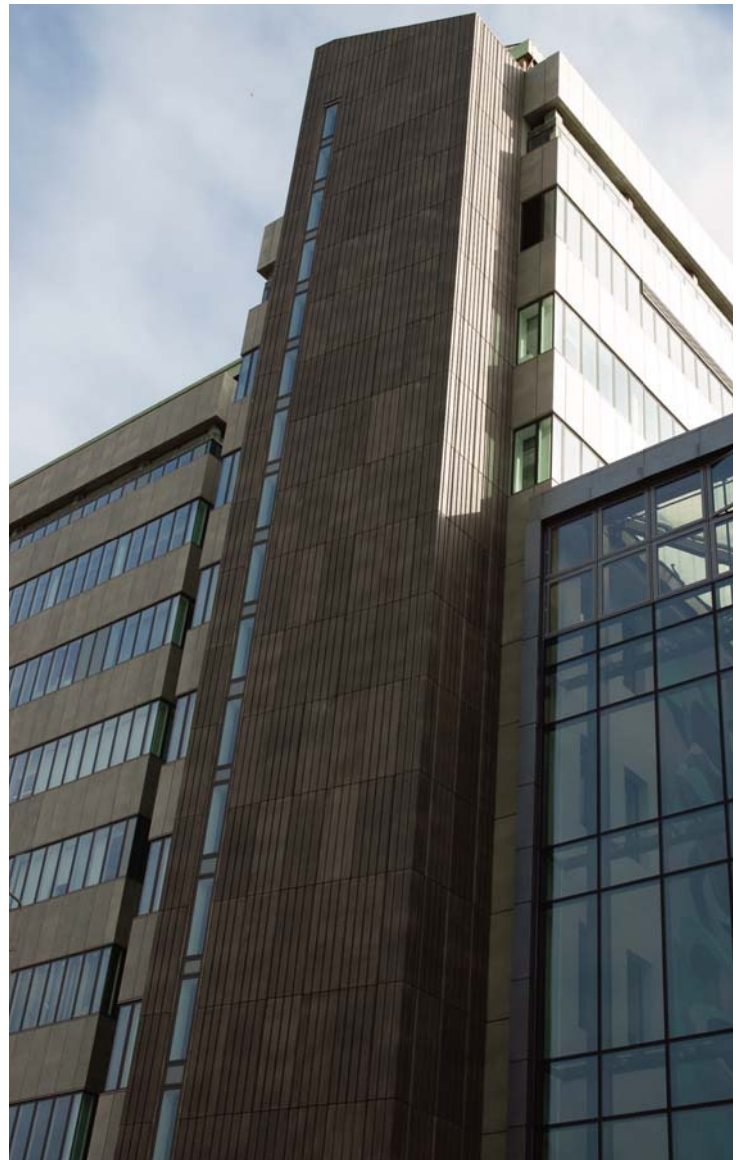


d+b facades developed a novel textured paint finish for its aluminium rainscreen cassette system replicating the appearance and character of masonry. As a result of d+b facades' inventive solutions-driven approach, planning consent for external refurbishment of Boyd Orr was granted.





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KEY OUTCOMES

Building life extended by more than 60 years, insulation improved

Heating energy consumption reduced by 70%

Operational carbon emissions reduced by 70%

d+b's innovative approach overcame planning issues

Capital payback in c.10 years from savings in heating energy alone

All delivered whilst the building was fully occupied with minimal disruption