Commercial

BOWER FULLER
Engineering Services for Buildings

Role: Design and installation of mechanical and electrical services

Client: SEH Windows & Doors

Main Contractor: SEH (French) Ltd

Architect: Last & Tricker

M & E Value: £480,000

SEH Head Office, Factory and Showroom

Bower Fuller undertook the design and installation of the mechanical and electrical services for this high profile project.

Within the factory an extensive compressed air system and high level 3 phase busbar system was installed to supply the manufacturing plant. As the manufacturing processes in the factory produce high dust levels which prohibit the use of radiant heaters, Bower Fuller provided a warm air system which is distributed via a fabric sock mounted at high level.

Lighting within the 5m high fully glazed showroom was designed and installed to illuminate the displays during the day and at night to maximise the sales potential of the busy location.

The showroom air conditioning units were installed within a false ceiling which maximises the available sales floor area. The latest technology was utilised to overcome traditional high level air distribution difficulties. 'Variable Geometry' swirl diffusers were installed, which regulate the velocity of discharge air dependent on temperature. This ensures environmental conditions are maintained throughout the showroom area.

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