

Barnfield College

Main Contractor: Gilbert-Ash

KPP Contractor: [Service Group Interiors](#)

Architect: Arcadis

Location: Luton

Sector: Education

[Komfort Systems:](#)

Defence EI30 and EI60 [Fire Screens](#)

Glazed doors and sidelights



Project Vision

The client envisioned state-of-the-art vocational teaching facilities as part of their new construction and engineering training building. A key element of this vision was modern, clean and light-filled workshop spaces for students, achieved through the integration of glazed screens. These spaces presented a unique challenge in balancing the desired aesthetic with the robust functionality required for a workshop environment, including accommodating large-format machinery and materials.

Komfort's Solution

The project's primary challenge was achieving the required acoustic and fire performance. Large openings for access necessitated the use of large-format double doors with fob access. The doors' meeting stiles and closing mechanisms were critical to both acoustic and fire, requiring a thorough specification review to ensure compliance.

In collaboration with Service Group Interiors, a Komfort Partner, Komfort's Defence EI 30 and EI 60 Fire Screens were installed providing a high level of fire protection as well as acoustic ratings of up to 52dB (Rw). The project was successfully completed on time and on budget.

"The assistance of the Komfort technical team was critical in ensuring that a robust specification was developed. It was also invaluable in ensuring the proposals met with project programme and budget requirements."

Ed Mapplebeck, Associate Architect, Arcadis

"Service Group Interiors successfully installed internal glazed screens at Barnfield College for Gilbert-Ash, delivering excellent performance in design, programme, and quality. Their team worked efficiently, meeting project deadlines while maintaining high standards of workmanship and attention to detail. Their professionalism and commitment contributed positively to the overall success of the project."

Aaron Coffey
Contracts Manager
Gilbert-Ash



