



SANDFIELD SCHOOL

Client:
Sandfield Primary School
Guildford
Surrey

Architects:
Pace Jefford Moore
Architects
LLP (PJMA)

Installer:
P & P Glass Ltd

A bespoke solution for Sandfield School

Profile supplier VEKA contacted Masterframe as a specialist sash window manufacturer to attend a joint meeting with the architects PJMA at their offices in London.

The initial meeting was held to discuss a project involving the design, manufacture and installation of PVC-U sash windows to match the original timber windows at Sandfield Primary School.

In the words of Chris Moore from PJMA “As detailed planning consent was required prior to the summer installation contract being tendered, we felt it was important to select a window manufacturer that could

demonstrate a clear capacity to closely replicate the original windows and provide the design support we needed to draft the replacement units for submission to the local planning authority. Of the three major manufacturers approached, Masterframe led the field from the outset, providing us with the technical information we needed to obtain planning consent and the costed schedules required to swiftly obtain fixed lump sum prices from the tendering installers”.

Planning approval was achieved and P & P Glass were appointed as installers for the project.

The challenge was to replace some of the original Victorian timber windows with modern PVC-U Vintage sash windows whilst remaining true to the original designs, maintaining the facade and losing none of the original character of the building. The new windows would have to be barely distinguishable from the originals and would all need to be designed and then installed whilst causing minimal disruption to school life.

The technical issues encountered revolved around a large mullion which was part of the window design. Ray Rabett, Technical &

“The classroom windows were all to be fitted during term time and to ensure that the project did not interrupt the normal operation of the school.”

*Tom Scanlan
Managing Director
P & P Glass Ltd*





Compliance Director for Masterframe said “In order to keep the windows looking as aesthetically accurate to the original windows as possible; we had to develop a way of using our unique mullion as a decorative mullion for the installation.

To meet the requirements of fitting the windows in accordance with the British Standard, we were determined to engineer a solution that allowed quick lock style fixing bolts and then cloak over with our GRP mullion which finished off the installation and replicated the original look closely.

New fitting brackets were prototyped in house on our 3D printer. Once the concept was approved these were machined up in aluminium.”

P & P Glass Ltd only had a four week lead time to allow the fitting of the communal area windows in the autumn half term holidays. Chris Moore from PJMA said “P& P Glass were selected on the basis of price and the additional commitment to the school they showed from the outset of the tendering process. Crucially, with Masterframe’s logistical support, P&P Glass Ltd were able to work methodically and to programme to suit the decanting of school operations around the ongoing works. Tom Scanlan,

Managing Director of P & P Glass Ltd said “The original Victorian sash windows in some of the classrooms were an impressive 3.5m tall which posed challenges for the safe removal, handling and replacement. The classroom windows were all to be fitted during term time and to ensure that the project did not interrupt the normal operation of the school, a schedule and work plan was carefully agreed with the Architect and School Business Manager.

The works were finished on time and P & P Glass Ltd received positive feedback from both the staff and parents at the school who were impressed with the quality and appearance of the completed installation which has preserved the character of the Victorian buildings and improved and enhanced the teaching and learning environment.”

Chris Moore of PJMA was extremely complimentary to both Masterframe Windows Ltd and P & P Glass saying “We were very pleased with the performance of both Masterframe and P&P Glass Ltd and would certainly recommend them to other clients. The completed project is testament to their work. I’m certain this is a view that our client would echo.

Window Specification:

- Range – Vintage
- Build Method – Mitred
- Glass – Toughened glass to lower sash
- Hopper windows added above sashes
- Special trim applied to mullions
- White Woodfoil finish
- PAS24/Secured by Design approved
- Continuous horns
- Bespoke antique brass furniture
- Deep bottom rail (105mm)
- White (Swiss V) spacer Bar
- Standard 147 cill
- Full Georgian bar design
- U-value 1.5
- ‘A’ rated for energy efficiency

If you have a school project and you require a quality sash window supplier as well as a project partner, please do not hesitate to call our sales team on

01376 510410

You can also get inspiration by visiting our website and downloading our brochures.

View Now



“We were very pleased with the performance of both Masterframe and P&P Glass Ltd and would certainly recommend them to other clients.”

*Chris Moore
Pace Jefford Moore
Architects*