



Before



After

Case study: Abbey School, Faversham

Prima

Integrated Facade Solutions

Prima's value engineering solution gives Abbey School a new look

Programme & logistic solution

Following the appointment of Prima Systems as the facade contractor for the project the team were keen to make progress as quickly as possible mindful that the agreed completion date for the funding was only six months away.

In order to avoid any delays it was agreed that the survey works would be carried out using MEWP's (Mobile Elevating Work Platforms) and undertaken outside of school hours. This was a preferable solution to a potential delay while scaffolding was erected.

The original plan had been for the work to be undertaken at night, as with most large scale school works, but planning application restrictions prevented this. With the works now being carried out during the school day, it became apparent that the success of the project would rely on impeccable project management and communication.

Working closely with the team at the school, great attention to detail was given to the preparation and upkeep of the programme of works. Correct scheduling was vital to enable the work to progress smoothly and, more importantly, with minimum disruption to the day to day running of the school.

Replacement works were undertaken from an external scaffold which was completely enclosed to reduce noise pollution to the surrounding residential areas as well as offering additional weathering to make sure the work was not impeded or delayed.

Design solution

The original design proposal was to over clad the entire building facade however after further discussion it was clear that this option far exceeded the project's budget.

With the project in doubt it was up to Prima's experienced team to develop an original solution. By retaining the existing structural steel Crittall window mullions it was possible to insert a steel reinforced PVCu double glazed curtain wall window system between the steel mullions to form a new high performance building facade. The steel mullions were then over clad to improve the overall thermal and visual performance of the facade.

This solution ensured the project was completed on time and to the agreed budget.



Project profile

Project:	Abbey School, Faversham
Architect:	Owen Shepherd Gee
Contractor:	Coombs (Canterbury) Ltd
Value:	£850,000
Products:	Rehau Total 70 windows Fundermax cladding

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