

APPLICATION STORY

Heathfield School

Insulated glazed-in louvres for new sixth form centre

When a Warwick-based specialist aluminium glazing provider won the contract to supply and fit the doors and windows for a new-build sixth form centre at Heathfield Girl's School in Ascot, Berkshire, they enlisted Window Ware's help with interpreting a 237-page preamble and architectural specification to identify and source the most appropriate aluminium glazed-in louvre solution capable of meeting the architect's requirements exactly.

Design spec:

The project called for robust, glazed-in aluminium louvres that would be custom made to fit at the head of the aluminium windows and come with composite insulated infill panels on the inner face that could be adapted by contractors on site for fitting to extract ducting. The louvres needed to be 28mm thick to accommodate standard double glazed sealed safety glass units and deliver a minimum available air opening of 44%. The finish of the louvres also needed to match the RAL colour of the specified window system.

Solution:

DUCO Grille Solid F 30Z glazed-in 28mm aluminium louvre grilles supplied with insulated panels and custom polyester powder coated in RAL7044 matt to a durable marine-grade thickness of 60-80 microns with a 10-year paint warranty as standard. The finished louvres were delivered direct to site ready for fitting.



Key Summary:

- Bespoke DucoGrille Solid F30Z aluminium glazed-in louvres
- Supplied with insulated infill panels
- Colour-matched with the new windows: RAL 7044 matt
- Louvres delivered direct to site