

# APPLICATION STORY

# Irene House

Insulated glazed-in louvres for commercial-to-residential conversion project

When one local fabricator won the contract to supply around 300 brand-new aluminium windows for a renovation project in London, converting an old commercial unit into residential flats, they turned to Window Ware to advise on and provide the most appropriate glazed-in louvres to meet the client's specification.

## Design spec:

The project demanded durable, custom-built glazed-in louvres with insulation backing panels capable of meeting specified U-values. The louvres would be connected directly to ducting for the ventilation system via a round cut-out made onsite by the contractors to allow for adequate airflow to meet building regulations. The finish of the louvres needed to match the RAL colour of the specified SMARTS window system.

## Solution:

DucoGrille Solid F 30Z glazed-in 32mm aluminium louvre grilles supplied with 33mm double-skinned aluminium blanking panels with FABROCK™ A1 rated insulation and custom powder coated in SMARTS textured anthracite grey KL14ST 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 the fabricator in 3 phases to match the project timescales.



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WARE**  
*We've got it*

**DUCO**  
Ventilation & Sun Control

## Key Summary:

- Bespoke DucoGrille Solid F30Z aluminium glazed-in louvres
- Supplied with A1 rated insulated blanking panels
- Colour-matched: SMARTS textured anthracite grey KL14ST
- Phased delivery to match project timescales