

Refurbishment



National Audit Office

The refurbishment of the National Audit Office in London required the manufacture, installation and replacement of almost 700 W40 and W20 windows, doors and screens.

This demanding project was orchestrated by top architectural companies HOK International and TP Bennet. We fabricated new frames for all of the openings in the property, which is situated within a very prominent London area. Jean Letherby, one of the architects for HOK who was involved in the project, recalls "Imperial Airways originally commissioned the NAO offices in 1939, and they very much incorporated the Art-Deco style of the times. In the '60s, the two wings were added." She went on to comment that the use of the W20 and W40 steel windows were considered appropriate for the refurbishment of the older structure. "This was a large and particularly challenging project and West Leigh performed well on it with their fantastic window services". W20 windows contain both vertical and horizontal pivots, and also side hung casements and bottom hung vents - all aspects of which exactly matched the Grade II listed part of the building.

As a direct result of the two "wings" of the property not being listed, the architects had more creative freedom and decided on a dramatic, large pane fixed frame. The structural concrete columns were masked by reflective spandrel panels.

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West Leigh - Total Window Care

Why replace steel windows when West Leigh could give them a whole new lease of life?

Many steel windows fitted to commercial buildings prior to the 1940s are now causing problems as a result of paint builder which has led to distorted sections letting in draughts and noise. they are often incorporated in listed facades Or include special design features that are difficult and costly to reproduce with modern sections.

With experience gained over the years West Leigh have developed a refurbishment package to satisfy this demand in the market place. This will not only enhance the performance of the windows but is often a requirement of English heritage and planning authorities and is all part of the TOTAL WINDOW CARE Service offered by the company.

Our refurbishment package can include:

- Careful removal of window frame from structural opening.
- Deglaze, remove existing beads and fittings for further reuse.
- Shot blast frames back to base metal.
- Inspect and carry out repairs where necessary to all welded joints.
- Put out corroded sections and weld on new sections where necessary.
- Rust proof and apply decorative finish.
- Restore existing fittings where possible and refix to frame.
- Weatherstripping with silicon sealant.
- Straighten frame is distorted in structural opening including application of perimeter sealant.
- Re-glaze to client specification including double glazing options.

To view a full range of West Leigh's window refurbishment projects, visit www.west-leigh.co.uk

