



By Appointment to  
Her Majesty The Queen  
Manufacturer and Supplier  
of Secondary Glazing  
Selectaglaze Ltd.

# Selectaglaze

Secondary Glazing

## Barry Town Hall



**Benefit:** Warmer and Quieter

**Type:** Refurbishment

**Listing:** Grade II

Built between 1906-1908, to accommodate Barry Urban District Council the construction of Barry Town Hall originally cost the princely sum of £7,488, including its ornate carvings and imposing pair of lions at the main entrance. An additional £329/10s was spent on the magnificent clock, with its Westminster Chimes and Bell. However, with the passage of time, the building fell into disrepair and in 2005 an ambitious £9.2m restoration and rejuvenation programme commenced.

An integral part of the restoration programme commissioned by Vale of Glamorgan Council, was the requirement for a high level of thermal and acoustic insulation.

Secondary glazing specialist, Selectaglaze Ltd was commissioned to produce units to match all existing primary window sightlines with a particular challenge to overcome the Key Stones at the head of the openings

with curved heads. Having been consulted at the initial design stage and working closely with Architects Acanthus Ferguson Mann, Quantity Surveyors Davis, Langdon & Everest and Main Contractor Kier Western, it was possible for Selectaglaze to iron out any potential technical problems well in advance of installation.





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Selectaglaze produced a total of 118 units consisting of a mix of their Series 20 and 90 vertical sliding units with curved heads, Series 45 side hung casements and Series 10 horizontal sliding units.

Selectaglaze has been involved in a number of Council Hall refurbishments, including Birmingham Town Hall and London's County Hall.



### Contemporary Standards

Secondary glazing provides high levels of thermal insulation by trapping an insulating layer of air between the existing and secondary window, together with efficient seals to the perimeter frame and opening panels, drafts will be minimised, ensuring a reduction in heat loss and a more comfortable environment. Using software developed by The Centre for Window Cladding and Technology, Selectaglaze's systems have been certified to provide U-values of 2.8 and with appropriate specialist glass, a figure of less than 2.0 is achieved in combination with existing primary windows, thus meeting the requirements of Part L of the Building Regulations.

The benefits of secondary glazing systems are not only in thermal and acoustic insulation. The company also

offers a suite of security windows providing certified protection against blast, physical & ballistic attack and fire.

Secondary glazing systems are purpose made and arrive fully assembled to allow rapid installation with minimal disruption. They need very little maintenance and will continuously contribute to energy savings.

Selectaglaze is the leading specialist in secondary glazing, established in 1966 and Royal Warrant holders since 2004. It boasts a wealth of knowledge and a range of extensive products to suit all projects from Listed properties, to new builds. The company offers a wide range of tested products covering acoustic and thermal performance as well as protection against intruder and blast mitigation. A free technical advisory service is offered and a RIBA approved CPD is available to architects and designers.

