



Product Certification Q-Mark Acoustic Windows

An increasingly important aspect of a window is its ability to reduce the amount of noise that passes through it. Where a building is located in a built-up area, the choice of an appropriate acoustic window can improve both the quality of life for those using it and the resale value of the building itself. The BM TRADA Q-Mark Acoustic Window scheme is designed to clearly demonstrate the noise reduction performance of a window, with a clear A-G rating label making comparisons between different windows a simple process.

In order to determine the acoustic performance of a window, manufacturers will often concentrate on the glass. Whilst the glass is important, it is vital that all of the window's components are taken into account – e.g. the frame, seals and even the hardware. Once an appropriate specification has been determined, the window must then be manufactured correctly in order to eliminate gaps, and to ensure optimum compression of the seals. To determine the acoustic performance of their window, the manufacturer must firstly install the product in a test rig, which will then be tested for acoustic performance.

Once tested, the window must be installed in the same configuration as that originally tested, or in line with the approved extended scope, with the correct components and correct sealing to the surrounding wall.

What is the BM TRADA Q-Mark Acoustic Window Scheme?

The scheme enables manufacturers' of windows to demonstrate their acoustic performance and communicate this to the end user via the use of a 'noise reduction rating' label. Certification under the scheme involves the undertaking of initial type testing of a window in an acoustic laboratory to determine the level of noise reduction the window is capable of achieving. Upon completion of this testing, a manufacturer will be required to produce written product specifications and installation instructions. They will also need to have in place a factory production control system (such as ISO 9001) and be subject to an initial factory audit. Upon completion of these steps and the resolution of any identified non-conformances, a manufacturer will be able to apply a 'noise reduction rating'

label to windows certified under the scheme and promote their certification.

What are the benefits?

The scheme provides:

- A clear and credible means of demonstrating the noise reduction performance of your window to building owners.
- A platform to 'upsell' the acoustic properties of a window once your customer has chosen to buy windows.
- A strong competitive advantage compared to manufacturers who are using test evidence for the glass alone to demonstrate the performance of their complete window.
- The opportunity to tender for the increasing number of projects that specify third party certification of doors and windows.

How to achieve certification

01 Application

Obtain a quote from us then submit your application accepting the quote.

02 Certification Process

In order to become certified under the scheme, a window manufacturer must successfully complete the following process:

- Satisfy initial type testing requirements
- Produce written product specifications
- Produce written installation instructions
- Satisfy factory production control requirements
- Undergo an initial factory audit
- Satisfactorily resolve any non-compliance issues

03 Certification

On completion of step two (and closure of any identified non-conformities) certification is granted by **BM TRADA**. You will be issued with a certificate and certification marks to demonstrate and promote your certification.

Certification is valid for three years and is maintained through a programme of annual surveillance audits and a recertification audit in the third year before the certification expires.

Additional services include:

Certification

- Enhanced Security Doors Scheme
- Enhanced Security Windows Scheme
- Fire Door Manufacture Scheme
- Fire Door Maintenance Scheme
- Fire Door Installation Scheme
- Fire Stopping Installation Scheme
- Window & Doorset Survey & Installation Scheme
- Competent Person Scheme

Testing

- Acoustics
- Durability
- Fire
- Security
- Thermal
- Weather

Training

- Fire Doors Explained
- Fire Protection Measures

Why BM TRADA?

Choosing **BM TRADA**, a British based company with a global presence, means you are working with a major international certification body with a wide scope of UKAS accredited certification schemes and an impressive record in management systems, factory production control, supply chain and product certification.

Our industry expertise and the standard of our services have helped us deliver certification to businesses in 70 countries around the world.

We pride ourselves on being approachable and responsive, and on offering clear, transparent pricing with no hidden costs.

Making us your certification partner means you are joining the increasing number of organisations around the world choosing **BM TRADA** for their certification. You won't see a different face every time. You will have a designated auditor who understands your business.



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