

From July 2013, under Article 9 of the Construction Products Regulation, it became mandatory for building products sold in the UK to comply with the European Economic Area (EEA) CE Marking requirements.

New European test methods, and the means of measuring these, have been developed and accepted by all countries in the EEA. As responsible manufacturers, committed to maintaining the highest standards, we welcome the recognition that the CE mark brings, and its visible reassurance to our customers and end users.

WHAT THE CE MARK SIGNIFIES

The CE mark (Conformité Européenne) signifies European Conformity and is the manufacturer's declaration that the product complies with the essential requirements of the relevant EEA health, safety and environmental protection legislation. Manufacturers of building products who want to export to any EEA member state are now required to meet the regulations and their products must carry the CE mark.

In effect, the CE mark on Howarth products demonstrates that the product can be sold legally throughout the EEA, and is fit for

purpose. It provides assurance that our products meet defined minimum standards for health, safety and economy of energy. The CE designation is not a 'quality mark' - where, for example, a UK trade or professional organisation has drawn up its own requirements and standards and owns its own mark - but is a regulatory common approach to conformity throughout all member countries of the EEA.



CE MARK ON WINDOWS AND DOORS

WORKING TOWARDS A GREENER FUTURE

For further details on how Howarth Windows & Doors is committed to pursuing sound environmental practices please see [page 6](#).



SECURITY ASSURED

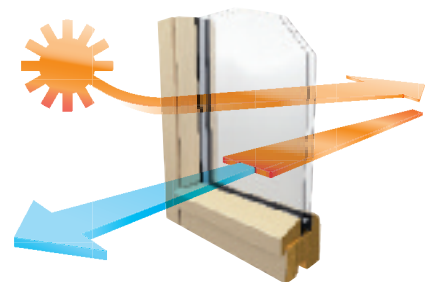
Secured by Design is a national police initiative to create a safer more secure environment for residents.

More information on how the Howarth range contributes to this aim can be found on [page 124](#).



WINDOW ENERGY RATINGS

The ratings are a consumer-friendly method of illustrating which windows perform well in energy efficient terms. For more information, please see [page 130](#).



THE MARK AND ITS RELEVANCE TO THE WHOLE BUILDING

The CE mark shows that the product, when properly installed and maintained, will enable the finished construction works to comply with the Construction Products Regulation requirements of:

- Mechanical resistance and stability.
- Safety in case of fire.
- Hygiene, health and environment.
- Safety and accessibility in use.
- Protection against noise.
- Energy economy and heat retention.
- Sustainable use of natural resources.

THE STANDARDS REQUIRED

Most external windows and door sets require CE marks and it is the responsibility of installers, fabricators and suppliers to comply. To qualify for a CE mark, products must achieve prescribed levels of performance and must be manufactured in line with a factory production control system (FPC).

Product standard EN 14351-1 standardises performance characteristics for windows and exterior doors, setting out the requirements for manufacturing and including acoustics, ventilation, test methods, production control and more.

COMPREHENSIVE TESTING

All testing is carried out by an accredited and independent body which ensures that the window and door systems have been design to fulfil all EN Standard requirements. Products are assessed for:

- Air permeability.
- Water resistance.
- Wind loading.
- Safety.
- Impact resistance.
- Thermal transmittance value.



STANDARDS OF CONSTRUCTION

Page 136 gives all details of our quality standards relating to all aspects of our products, from the timber we use to adhesives and decorative finishes.

HANDLING GUIDELINES

To maintain the integrity of our products from the time they leave the factory to the time they are installed, please refer to **page 138** for details of packaging, protection, deliveries, storage.



LATEST THERMAL PERFORMANCE FIGURES

For the latest figures on how our windows and doors perform in terms of thermal efficiency, please visit our website at:

- www.howarth-timber.co.uk