

A WORLD LEADER IN GLASS WOOL INSULATION AND GLASS WOOL INSULATION SYSTEMS

REDUCE YOUR CARBON FOOTPRINT  
WITH AFFORDABLE AND ENERGY  
SAVING CAVITY WALL INSULATION



**CWI36**  
**GLASSWOOL**  
**CAVITY WALL INSULATION**

Approximately 5% additional savings when using Guardian CWI 36 compared to standard category listing for Annual Reduction in Carbon Emissions (kgCO<sub>2</sub>/yr) as specified in CERT Matrix.



1121-CPD-BA0156





# GUARDIAN

Glass • Automotive • Building Products

## Reducing your carbon foot

Guardian Industries Corp. is a global organization with locations on five continents, in over 20 countries, employing over 21,000 associates. The business enterprises include float glass, building products and automotive components.

### GLASS

Guardian Industries Corp. is a world leader in the production of float glass and fabricated glass products. 28 float glass lines and 21 glass fabrication plants provide glass products to the commercial and residential construction industries.

### BUILDING PRODUCTS

With six manufacturing plants in North America, Guardian Fiberglass provides an extensive line of glass wool insulation to the residential and commercial construction markets throughout the world. Guardian Building Products operates a network of over 100 distribution centers throughout North America.

### AUTOMOTIVE

Guardian is the first and only company to manufacture and fabricate both glass and trim products for the automotive industry. Guardian is a top supplier to Mercedes-Benz, Audi, BMW, Porsche, Toyota, Nissan, Ford, Jaguar and other global automotive clients.

■ Producing safe and reliable products and, at the same time, assuring the efficient use and preservation of the world's natural resources has made Guardian a leader in the production of glass wool insulation products.



Guardian recognises that energy costs may continue to rise but energy consumption does not have to. CWI 36 Cavity Wall Insulation has been created as a cost effective way to significantly save on both energy costs and utilisation, and increase the comfort level of your home.



All CWI 36 Cavity Wall Insulation installations to existing dwellings in the UK carry an individual 25 year guarantee.

# CWI36

GLASSWOOL  
CAVITY WALL INSULATION

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# Print with Guardian's CWI 36 Cavity Wall Insulation

The heat loss through a cavity wall is approximately 35% and therefore installing cavity wall insulation is recognised as an effective energy saving measure. Since it is blown directly into wall cavities using a specialised cavity wall insulation nozzle, a consistent density without gaps and voids is achieved each and every time. This allows the product to remain effective for the life of the home or building.

CWI 36 is a glass wool product containing post consumer glass, industrial recycled glass and silica sand, a virtually inexhaustible natural resource. These resources produce a product that saves many times the energy used to produce it in the first year of installation. Therefore, installing CWI 36 will help increase your homes comfort, reduce the costs to heat and cool your home and reduce the carbon footprint.

## Clean, Safe and Easy Installation

22mm holes are drilled for the CWI 36 insulation nozzle.

The cavity is filled with CWI 36, and the holes are closed with mortar.



## Attributes

- British Board of Agrément Approved
- 25 year guarantee
- Suitable for new-build or retrofit
- Quick and clean to install
- Installed by approved contractors
- Affordable

## CWI 36 meets the strict requirements of local building regulations

CWI 36 is available throughout the UK only from BBA approved contractors. The BBA certificate for CWI 36 approves the product specification, application and installation procedures for this product. Only British Board of Agrément approved contractors are qualified to install CWI 36 Cavity Wall Insulation.

The CWI 36 material is installed using a predetermined drilling pattern approved by the BBA. After installation of the Cavity Wall Insulation, these small holes are then filled with similar matching finish.

*Saving The World's Energy™*

## Important Facts about CWI 36

As the industry standards for insulation in the building materials industry increase, Guardian has taken the steps necessary to achieve product excellence.

- British Board of Agrément Approved – Certificate No. 08/4611.
- Non-settling.
- Crack resistant.
- Non-corrosive.
- Fire Performance – Euroclass A1 to BS EN 13501-1:2007.

## Agrément Certificate

The BBA certificate for CWI 36 approves the product specification, installation and application procedures. This product complies with relevant sections of the:

- Building Regulations of England and Wales.
- Building Regulations of Northern Ireland.
- Building Standards of Scotland.

Masonry walls are covered by the certificate. The product may be used in buildings up to and including 12 metres in height.

## Thermal Performance

- Installed targeted density gives excellent value.
- R-value (thermal resistance) 0.036 W/mk.

## Moisture Resistance

- Toughest testing by the British Board of Agrément confirms that CWI 36 Cavity Wall Insulation will not transmit water to the inner leaf, nor will it transfer water by capillary action across the cavity.

## Other Attributes

- Vermin resistant.
- Mould resistant.
- No bonding agents.
- Pure glass fibres.
- Suitable for new and existing application.
- Precise installation.



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Manufactured by:



**GUARDIAN**

Glass • Automotive • Building Products

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Name of installing company

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