



## Product overview

IG Masonry Support's Thermal Shims effectively reduce heat loss by minimising the effect of cold bridging. Placed between IG's masonry support brackets and the building's structure, these Shims enhance energy efficiency and eliminate bi-metallic corrosion within the support system.

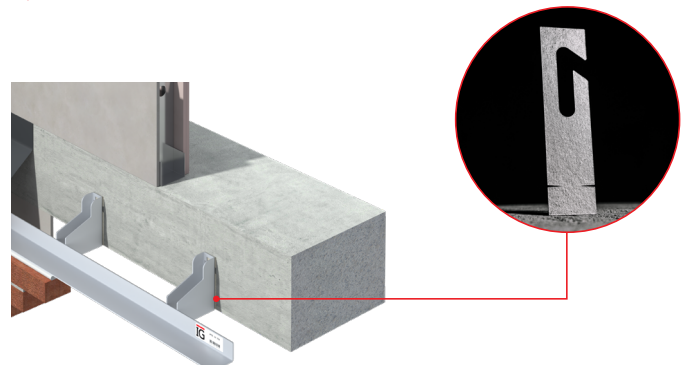
Thermal Shims are provided as standard with every IG masonry support bracket and are available in 2mm thickness only.

Each Thermal Shim is manufactured completely from A1 fire-rated materials and are Fire Safety: Approved Document B compliant, meaning they can be used in buildings above 18m in England and Northern Ireland and above 11m in Scotland.

## Enhanced features

- A1 fire-rated product
- Reduces thermal transfer
- Eliminates bi-metallic corrosion within the masonry support system
- Snap-to-size feature, allowing for precise vertical height adjustment to accommodate the masonry support bracket\*

\*Small notches are located near the bottom of the Thermal Shim to enable ease of snapping for vertical height adjustment.



### Positioning the Shims and Brackets

Brackets must be installed at the correct level making sure the back of the bracket ('Load Bearing Zone') is in full contact with the support structure. Only IG Shims can be used with IG's masonry support systems.

Correct and incorrect installation examples are provided in Figure 1.

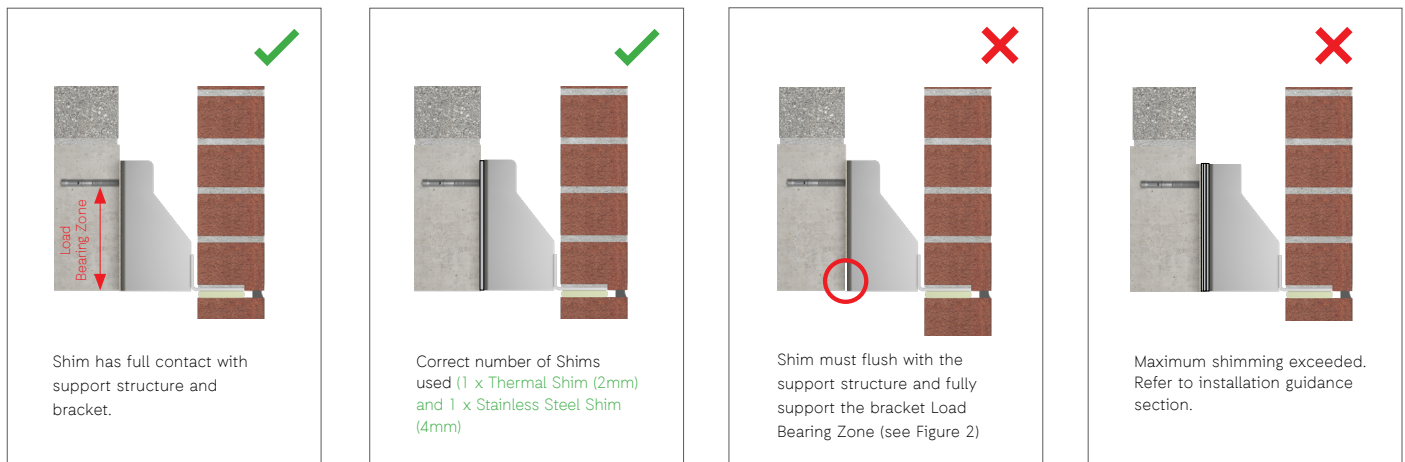


Figure 1



Brackets and shims must be installed at the correct level making sure the back of the bracket ('Load Bearing Zone') is in full contact with the support structure. Only IG shims can be used with IG masonry support systems.

### Installation guidance

The following guidelines should be adhered to when installing all IG Shims with IG's masonry support systems:

- Only one Thermal Shim should be used per bracket installation and it should always be positioned against the slab edge
- The combined thickness of Shims used per bracket should never exceed the outside diameter of the fixing or 12mm, whichever is less. This can be achieved using one Thermal Shim (2mm) plus Stainless Steel Shims
- The collective number of Shims that can be used should never exceed three
- Shims must support, and come into contact with the full 'Load Bearing Zone' (refer to Figure 2).

2mm Thermal Shims are provided as standard with IG's masonry support systems. Additional Stainless Steel Shims are available to purchase on request.

If your project exceeds the above shimming recommendations, contact our Technical Team.

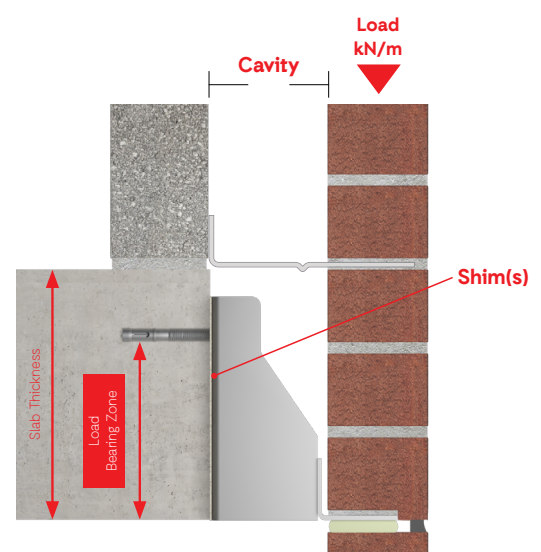


Figure 2

### Shim height adjustment

Thermal Shims are supplied with a snap-to-size feature, allowing for precise vertical height adjustment to accommodate the masonry support bracket. Small notches are located near the bottom of the Thermal Shim to enable ease of snapping for vertical height adjustment.

### Installation training

Correct installation is essential for the success of each project. Therefore, IG Masonry Support have made every effort to help installers by creating an [easy-to-use installation guides for each masonry support system](#).

IG Masonry Support also offers onsite installation training and support from its experienced team of structural and civil engineers.

### A1 non-combustible material

IG's Thermal Shims have been independently tested by a third party organisation in accordance with EN 13501-1:2018.

### Bi-metallic corrosion

Bi-metallic corrosion can occur when stainless steel and carbon steel are in direct contact with each other in a damp environment. This can be avoided by isolating the two metals. IG Masonry Support supply a Thermal Shim as standard, which must be located between the back of the bracket and support structure.

### Disposal

Thermal Shims should be safely disposed of in landfill.

### Specifying and ordering

IG Masonry Support's designers and engineers provide a full design service for each masonry support system on offer, tailored to the requirements of each project.

## Thermal Shim Sales and Enquiries

For more information  
please contact our Technical Team

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