

Thank you for purchasing a BN Thermic product. Manufactured to a high standard this product will, if installed and used according to these instructions, give you years of trouble free performance.

## INSTALLATION INSTRUCTIONS

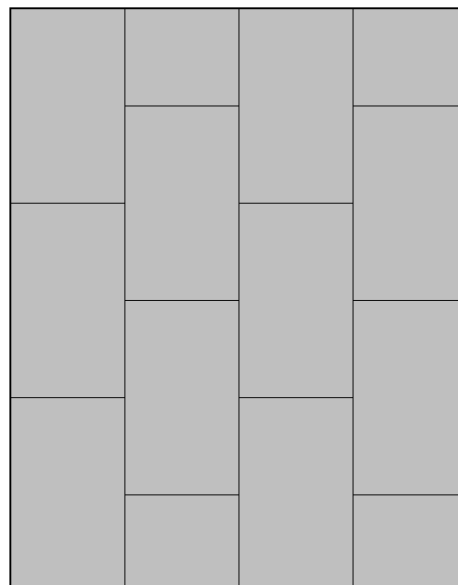
Please handle with care boards are heavy and have sharp edges. We recommend use of suitable gloves when handling.

### 1. FIXING TO WOODEN FLOORS

The boards should be laid onto a level floor, with a suitable flexible rapid set cementitious tile adhesive – solvent based or ready mixed adhesives **MUST NOT** be used. Boards should be thoroughly bedded and laid in a chequer plate fashion, like bonding brickwork, making sure that there are no gaps between the boards. **DO NOT ALLOW THE ADHESIVE TO FORM A DRY SKIN.**

### 2. FIXING TO CONCRETE FLOORS

Prior to the fixing of Thermal Insulation Boards, all traces of loose material should be removed back to the concrete substrate. The floor should be level and dust free. New concrete or screed should be correctly cured prior to the fixing of boards. Seal the floor with a suitable primer. A suitable flexible rapid set cementitious tile adhesive should be used – solvent based adhesives or ready mixed adhesives **MUST NOT** be used. Apply the bed of adhesive to the floor using a 8mm square notched trowel. Boards should be thoroughly bedded and laid in a chequer plate fashion, like bonding brickwork, making sure that there are no gaps between the boards. **DO NOT ALLOW THE ADHESIVE TO FORM A DRY SKIN.** Any slight depressions in the concrete floor will normally be taken up with the thickness of the adhesive. Boards should be thoroughly bedded, ensuring that no voids remain beneath them.



### 3. MOVEMENT JOINTS

Thermal Insulation Boards must not bridge movement joints in the sub floor. The integrity of such joints should be maintained through the board / tile bed and should be sealed in the appropriate manner.

### 4. TILE FIXING TO FLOORS

When fixing to floors a minimum tile size of 150mm x 150mm is recommended. The tiles should be fixed using a solid bed fixing technique, ensuring no voids remain under the tiles. Once the tile bed has hardened sufficiently, the joints between the tiles can be grouted in the usual manner.

### 5. TILE FIXING TO FLOORS WITH UNDER FLOOR HEATING CABLE / MAT

Tiles can be laid directly on top of the under floor heating cable / mats, however care must be taken not to damage the heating cable. The tile adhesive must be forced onto, and where possible through, the heating mat so that no voids remain under the tiles. We recommend applying a good proprietary flexible self-levelling compound onto the heating mat prior to fixing tiles. Only once the self-levelling compound has fully cured should tile fixing begin.

### 6. PLEASE NOTE

Thermal Insulation boards can be affected by atmospheric conditions which can cause them to warp slightly prior to installation. If this occurs they can be straightened by applying a minimal amount of hand pressure. This correction will not affect the performance of the boards. When fixing boards in conditions where the room temperature can fluctuate considerably (e.g. conservatories) it is advisable to control the room temperature preventing the boards from expanding before the adhesive sets properly.

All information is given as guidance and if adhered to will perform as intended. We fully guarantee the quality of our boards but as we do not have knowledge of site conditions or the capability of the installer, we cannot accept liability for damage which may arise as a result of installation. For further information, please do not hesitate to contact us.

**NOTE:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior

**IMPORTANT:** No liability is accepted for incorrect use of this product.

BN Thermic Ltd,  
34 Stephenson Way, Three Bridges,  
Crawley, RH10 1TN  
Tel: +44 (0) 1293 547361  
Email: sales@bnthermic.co.uk  
Web: www.bnthermic.co.uk