

The ThermaBead product is an innovative cavity wall insulation material that provides an extremely high level of thermal efficiency.

The system is both BBA and KIWA certified and has quickly gained a reputation throughout the UK as one of the best and most trusted insulation systems yet seen for cavity wall installations.

We are industry leaders in providing high performance, injected blown bead insulation systems. With outstanding cavity wall insulating properties our products are ideal for domestic, commercial and industrial use.

Providing 100% cavity fill with no cold spots, no waste and easy to install. Outstanding durability, water resistant and rot proof our bead product is the number one choice for insulation.

- On new build the holes would be drilled through the inside wall, prior to internal finishing.
- The blown bead cavity wall insulation is extremely effective in both new build and existing properties.
- Blown bead offers a proven 100% cavity fill, ensures no cold spots, gives fully guaranteed insulation and eliminates the need for bricklayers to construct with prefabrication insulation. A time consuming process that can add as much 12% extra time spent on a build.
- Blown beads in situ will not allow water to cross the wall construction. The beads themselves allow the safe dispersal of any water. The gaps that naturally occur between the spherical beads allow any water to drain down freely to the ground, rather than across to create damp problems on inside walls.
- The structure of the installed blown bead allows the cavity to retain the ability to breathe as intended with the cavity wall insulation in place.
- Outstanding durability – blown beads are rot proof, water resistant and sufficiently stable to remain effective as an insulation for the life of the building.
- No settlement – as the blown beads are coated with an air drying bonding agent during installation. There is no possibility of settlement occurring. The insulation remains in place for the life of the building ensuring that no voids are created in the wall through movement post installation.
- A consistent density of insulation
- Constant thermal projection throughout the installed area.

- No wastage – the beads flow unrestricted, totally filling the cavity, forming a homogeneous heat saving mass.
- A straightforward installation process that is time efficient and has a low H&SE liability.
- Zero ODP (Ozone Depletion Potential)
- Low GWP, less than 5 (Global Warming Potential)
- CFC, HFC and HCFC free
- No wastage on site
- Green guide summary 'A' rating
- 100% recyclable

### SAVING HOMEBUILDERS MONEY

- Bricklaying efficiency increased by 6-12%
- No need to fill gable peaks saving 10-15% material.
- No wastage of insulation also eliminating damage to stored materials.
- Use ThermaBead U values in "notional dwelling specification". Save money in other parts of build.

### ADVANTAGES OF THERMABEAD

- Factory expanded to ensure a constant delivered density and lambda value
- Allows full inspection of built cavities before installation
- Simple and fast to install with minimum mess or waste on site, and offers valuable flexibility to the builder in scheduling the work on site
- Eliminates on-site storage and waste
- Low cost and extremely efficient, offering some of the lowest U values achievable in cavity walls
- Fully fills complicated details in walls
- Makes construction a quick and easier process
- Approved for party wall fill
- Thermal conductivity of 0.033 W·m<sup>-1</sup>·K<sup>-1</sup>
- NHBC accepts the use of ThermaBead cavity wall insulation satisfying the relevant requirements of Building Regulations

