

Insulmax®

Existing Wall Insulation

Product Technical Information

Insulmax® is a soft, white mineral wool thermal and acoustic insulation made by melting and spinning inert materials and treating with an inert water repellent. It is non-hygroscopic (non wicking), will not rot, degrade or sustain vermin and will not encourage the growth of mould, bacteria or fungi.



Manufactured to be installed in exterior walls via a blown cavity wall insulation system (BCWIS)

- Installation

Installation is carried out only with the approval of FibreTech Insulation Ltd., after completing all training and accreditation to ensure delivery of a quality product.

- Insulation Rating of the Product **R– 2.8** (100mm thickness)

The highest value required for new build homes is R 2.2

Product tested according to EN 12667:2001 and stated as the newest standard - lambda 90/90 i.e 90% of samples over 90% of the life of product will achieve the stated thermal resistance.

Thermal performance of the whole wall structure is likely to be different than the product due to thermal bridging through timber structural elements and the R contribution of other building elements.

- Settling - Negligible at Installed Densities

Tested to EN 14064-1 :2010 the product achieves a settling value of S1 (less than 1%) when installed at or over 16 kg/m³. Typical install densities are significantly higher than 16 kg/m³

- Environmental

Made from natural materials and post consumer glass. CFC and HCFC free and classified as zero Ozone Depletion Potential and zero Global Warming Potential.

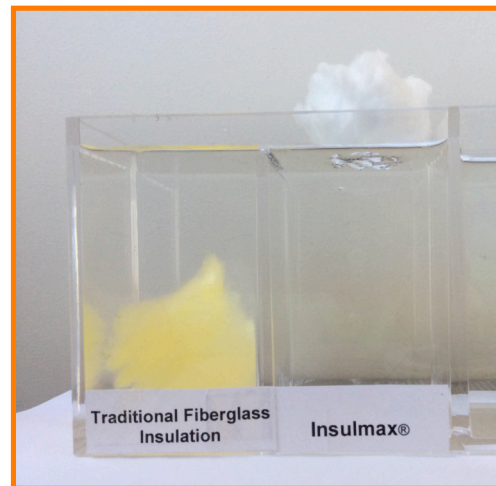
- Resistance to the Movement of Water Vapour - Negligible

Product possesses negligible resistance to the movement of water vapour meaning that water vapour can freely pass through the product. Any water present in the cavity is able to dry through the breathable insulation.

- Water Absorption - Negligible

The product is treated with an inert water repellent and water absorption is negligible 0.05 kg/m² (tested according to EN 1609)

Photo left shows affect of water on Insulmax® and conventional insulation after 30 hour exposure.



- Reaction to Fire - Non combustible

Achieves the highest standard of A1 (non combustible) when tested according to EN ISO 1182 & 1716

- Effect on Existing Building Elements and Electrical Wiring

Has no detrimental affect on existing building elements and does not react with TPS wiring. Older rubber insulated wires should be replaced before the installation of any insulation.

- Production

Consistent and high manufacturing standards comply with requirements of CE Marking 93/68/EEC and BS EN 14064: 2010 and EN 13172: 2012 and BSI Quality Assurance Standards BS EN ISO 9001 : 2012.

Product has British Board of Agreement (BBA) certification to be used as a blown cavity wall insulation product.

Insulmax ® is a brand of FiberTech Insulation Ltd. who are the sole importer and distributor. Original test reports of the imported product are available from your representative. All claims of performance and specifications are only valid when installed by FiberTech Insulation Ltd. trained and accredited installers .

Ensure your install is carried out by FibreTech accredited installers