

## News from Kingspan

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### **NEW YEAR, NEW THERMAL PERFORMANCE FROM KINGSPAN INSULATION**

Every penny counts in today's difficult climate, and Kingspan Insulation has been working behind the scenes to start the New Year with improved thermal performance for the majority of its popular Kooltherm and Therma ranges – performance that will help to reduce costs and the thicknesses needed to comply with Approved Documents L.

Kingspan's premium performance rigid phenolic insulation Kooltherm range now boasts a lambda value as low as 0.020 W/m.K, whilst that of the high performance rigid urethane insulation Therma range is now as low as 0.022 W/m.K, helping to achieve desired U-values with thinner products.

For example, research has shown that U-values of around 0.27 W/m<sup>2</sup>.K for walls, 0.22 W/m<sup>2</sup>.K for floors and 0.16 W/m<sup>2</sup>.K for all types of roof are at or around the best starting point for achieving a high level of energy efficiency. Some insulation materials require bulky thicknesses to reach these figures, which has the knock on effect of needing longer fixings, deeper studs etc, all of which adds to the cost. The very low lambda values offered by Kingspan's products mean that these U-values can easily be achieved and now with a thinner thickness than before.

Both Kooltherm and Therma products are suitable for a range of uses and their lowered lambda values will help to reduce the cost and required product thickness on both new build and refurbishment projects.

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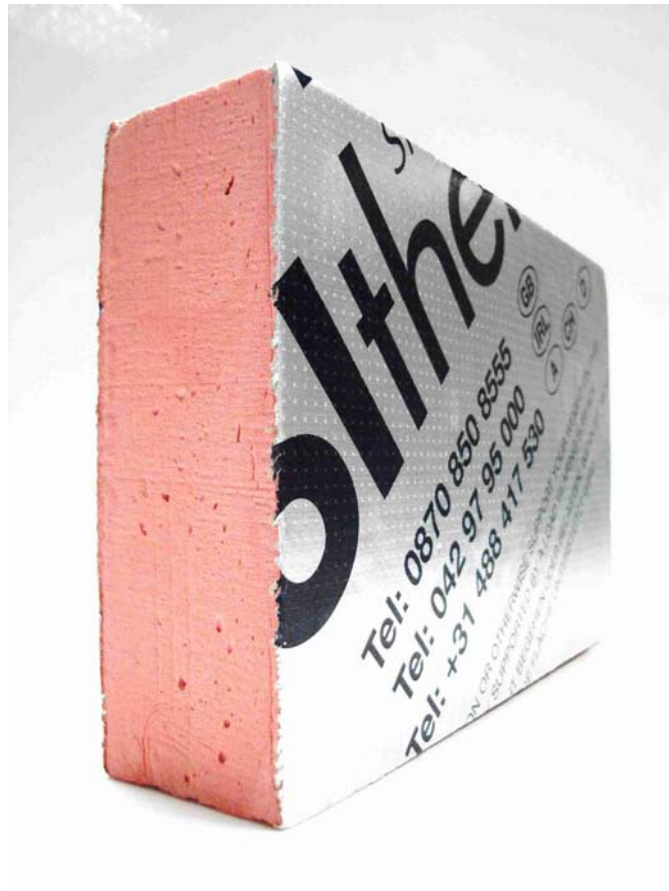
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Prepared by: Smith Goodfellow Limited, Macclesfield, Cheshire

**Notes to Editors**

A member of the fast-growing Kingspan Group plc, Kingspan Insulation produces the widest range of insulants available from any UK or Irish manufacturer. They are the market leader in the manufacture of rigid phenolic and rigid urethane insulation, and offer products for use in the industrial, commercial and housing sectors.

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The Kooltherm rigid phenolic insulation products can now provide a lambda value as low as 0.020 W/m.K.