



The world's leading Acoustic & Thermal Insulation

PRESS RELEASE

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ISOVER LAUNCHES REVOLUTIONARY DUCTWORK SYSTEM

A revolutionary ductwork system that replaces the traditional sheet metal and insulation approach with rigid insulation boards but still meets all the thermal, fire and acoustic regulations is now available in the UK through Saint-Gobain Isover.

The Climaver® Plus R system for heating, air conditioning and ventilation processes is manufactured from high-density glass mineral wool board faced on both sides with a robust aluminium foil surface that acts as a vapour barrier. The external surface is also reinforced with a glass fibre mesh for additional impact resistance and flexural rigidity.

More efficient and more economical than conventional sheet metal and insulation systems, Climaver's fabrication process allows precision-cut joints to ensure low leakage rates and improved performance and energy savings in domestic, commercial and industrial sectors.

Lightweight and faster to install than metal ductwork with insulation, Climaver is suitable for air speeds up to 18m/s and pressure up to 800Pa. It is also highly adaptable to on-site changes in design and layout during a project's progression.

Class O fire rated, Climaver is also excellent acoustically, research by NAIMA showing that at 1,000Hz it is approximately 10 times more efficient at reducing noise than metal duct with no insulation.*

Climaver also compares favourably with sheet metal and insulation systems when it comes to energy efficiency and air leakage rates. In comparison to a sheet metal duct with no insulation, Climaver Plus R is approximately four times more energy efficient. The use of Climaver Plus R therefore equates to massive energy savings.*

The external aluminium foil is patterned with guidelines, providing a reference for the cutting and construction of pre-insulated ductwork, and an exclusive male/female edge guarantees an airtight seal as well as greater strength in the joints. The finished joint gives continuity in the inner surface and allows for easy cleaning.

More and more specifiers and users are insisting on the use of insulation materials that not only deliver technical performance but also come with exceptional green credentials, with the BRE Green Guide to Specification a common point of reference. In this, Isover glass wool insulation can achieve an A+ rating. It also boasts zero ODP (Ozone Depletion Potential) and zero GWP (Global Warming Potential). It is manufactured from a combination of silica sand, the earth's most abundant naturally occurring mineral, and up to 80% recycled post-consumer glass from building regeneration projects or flat glass manufacture that would otherwise go to landfill, making Isover one of the most environmentally sustainable insulation products on the market today.

* Research by NAIMA.

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