

Hemsec SIPs Sustainability Statement

DURABILITY

The panels will have comparable durability to that of OSB/3 to BS EN 300 : 2006, therefore, provided the installation remains weathertight and damp-proof, a life of at least 60 years may be expected. Long life expectancy of our product will reduce energy consumption in a building over much of its lifespan.

RECYCLING

OSB facings may be recycled as a fuel source.

DISPOSAL

Where disposal is the only option, waste OSB and Polyurethane can be disposed of as inert solid waste. Waste OSB can also be utilised as a fuel source.

PANEL CORE

Polyurethane (PUR): Closed cell HCFC free, Zero ODP, with a thermal conductivity value λ of 0.024 W/m K.

GLOBAL WARMING POTENTIAL

Defined as the potential for global warming that a chemical has relative to 1 unit of carbon dioxide, the primary greenhouse gas of a companies' product is now becoming recognised as propriety information when establishing the environmental impact of a completed project.

In accordance with the protocols issued by BREEAM, products which are 'blown' with blowing agents including "Air, CO₂, Pentane and Isobutene" are deemed to possess a GWP rating of less than 5. Hemsec SIPs panels are blown with the inclusion of Pentane and therefore this rating applies.

HEMSEC IN HOUSE RECYCLING

Any leftover or waste product is recycled into other product streams, either through ourselves or is sold to one of our partnering companies for further use.