

Code for Sustainable Homes

The Code for Sustainable Homes was introduced in 2007 for Social Housing construction in the UK. Xtratherm is the insulation of choice to achieve CSH levels 4 and above in traditional build specification. The introductions of the FEES standard in 2010 clarified the specification required for Zero Carbon standards in 2016 – Xtratherm can help you achieve these standards in a practical affordable way.

Global Warming Potential (GWP) of Insulants: POL1:

This credit looks specifically at foamed thermal and acoustic insulation products that use gases (blowing agents) during the manufacturing process. The GWP of all blowing agents is relative to the GWP of carbon dioxide (GWP = 1), the primary greenhouse gas.

Blowing agents that are 'deemed to satisfy' the GWP<5 requirement of POL1 are: air, carbon dioxide, pentane (iso-pentane, cyclopentane, n-pentane) and isobutene

Xtratherm has four main product groups, **all blown with Pentane gas with a GWP < 5**

- Thin-R Foil faced Polyisocyanurate (PIR) insulation board
- Xtroliner Class 'O' Polyisocyanurate (PIR) insulation board
- Safe-R Phenolic foam rigid insulation board
- Warm-R Expanded Polystyrene (EPS) with graphite / carbon enhancement, insulation board
- Hytherm Expanded Polystyrene (EPS), insulation board

