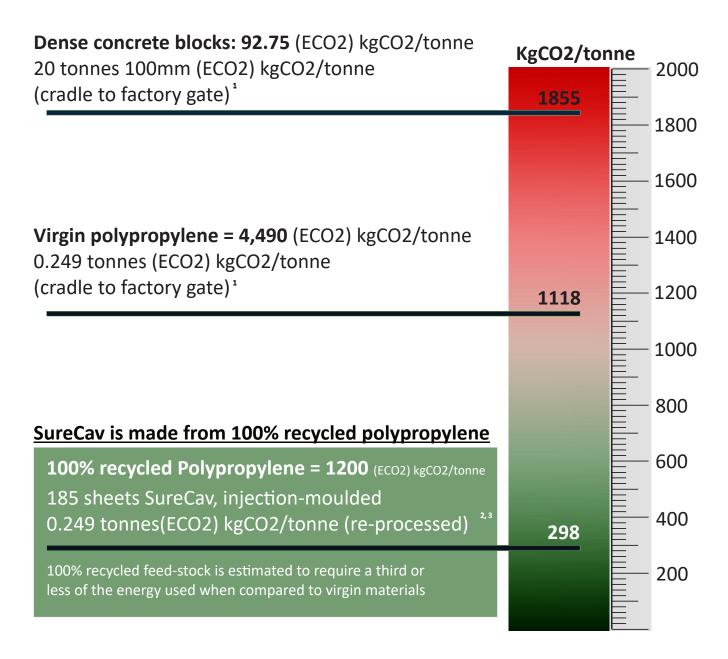


SureCav Embodied CO2 Production IRECAV® compared to Concrete Blocks

An average, 3-bedroom, 100m2 wall area dwelling, will require 185 sheets SureCav. SureCav removes the need for 20-tonnes of dense concrete backing blocks, as shown in the chart below. These calculations are based on a weight for weight comparison.



Conclusion: SureCav produces around a sixth or less of the embodied carbon, in production, compared to the concreteblock backing wall it replaces.

- 1. Inventory of Carbon & Energy (ICE database from Bath University v3)
- 2. T.A. Tukker, Plastics Waste Feed-stock Recycling, Chemical Recycling and Incineration, 2002.
- 3. Full BSRIA-ICE-guide based on the data sourced from Geoff and Craig 2008, Dong 2018 and O'Farrell, 2018