

## Reduce Your Carbon Footprint

Calculation to compare the advantages of using SureCav in cavity construction

<b>SureCav</b>	(Virgin HDPE sheet)	<b>Standard Concrete Block</b>	
kgCO <sub>2</sub> /kg	1.9	(ECO2)kgCO <sub>2</sub> /m <sup>3</sup>	147
kgCO <sub>2</sub> /tonne	1900	(ECO2)kgCO <sub>2</sub> /tonne	75
<a href="http://www.scottwilson.com">www.scottwilson.com</a>		<a href="http://www.sustainableconcrete.org.uk">www.sustainableconcrete.org.uk</a>	
<a href="http://www.plasticseurope.org">www.plasticseurope.org</a>			

### For a typical build:

185 sheets SureCav @ 1.12kg/sheet.

185 x 1.12 = 207.2 kg (0.2072 tonnes)

20 tonnes standard dense blocks

Tonnes x kgCO<sub>2</sub>/tonne

0.2072 x 1900

Tonnes x kgCO<sub>2</sub>/tonne

20 x 75

**394 kgCO<sub>2</sub>**

**1500 kgCO<sub>2</sub>**

Thus SureCav proves to be nearly 4 times better in reducing the carbon footprint in standard cavity wall construction compared to using concrete blocks.

**Make SureCav Your Preferred Method in the Construction of Cavity Walls**