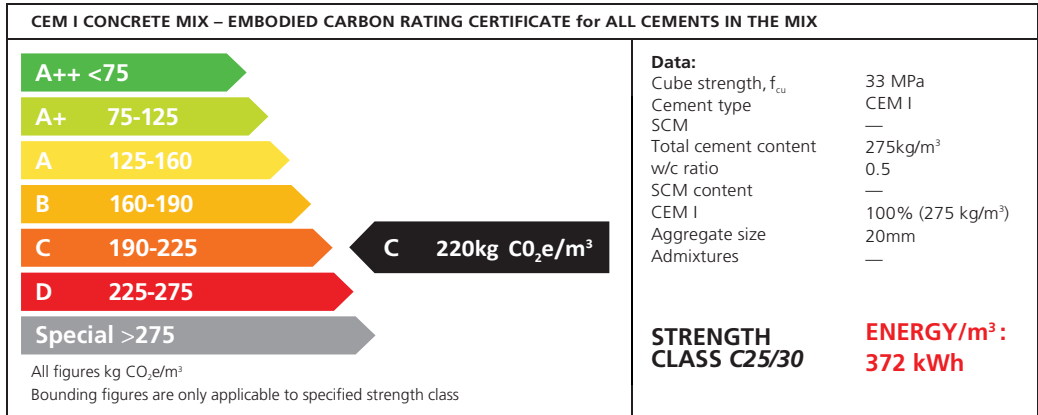
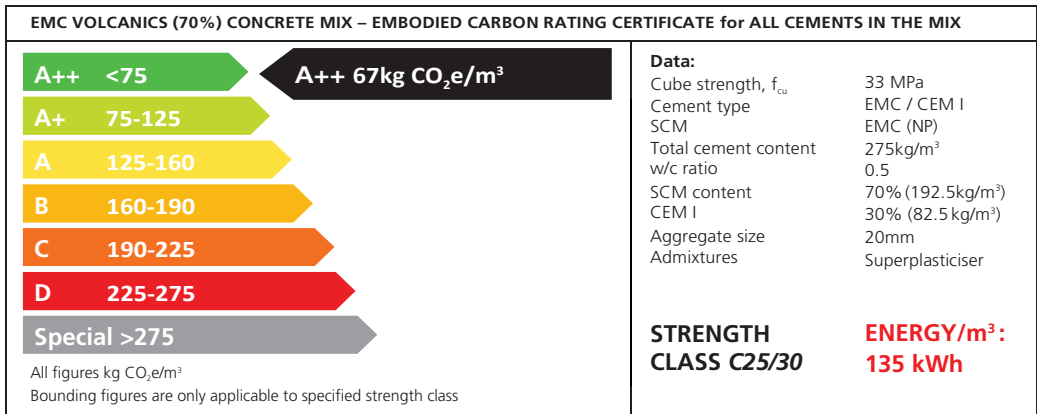


Both at 275kg cement per cubic metre concrete:

CEM I concrete mix:



EMC Volcanics mix:



The results speak for themselves. **Per cubic metre of concrete:**

CEM I mix:

220kg CO₂ and 372 kWh

70% EMC Volcanics mix:

66kg CO₂ and 135 kWh

Figure: Simulated CO₂ ratings showing the embodied CO₂ per cubic metre of concrete for the mixes indicated, according to I.C.E colour schemas. As explained below, the tables represent a good faith approximation of the most CO₂-favourable rating that can be given to concrete made from purely CEM I cement for 90-95% of a typical ready-mix market. The only difference between the two tables are the proportions within the "total cement" metric. As can be seen, the upper figure represents a rating for a concrete mix for EN class CEM I cement, the lower figure for a concrete mix comprising 70% EMC Volcanic/30% CEM I.