



20% Reductions in CO₂



No Impact on Performance

CemLime is a locally sourced, supplementary cementitious material (SCM) that can **replace cement content by up to 20% in concrete**, producing a lower carbon cement without detriment to concrete performance.

After water, concrete is the most widely used substance on earth and is the source of approximately 8% of the world's carbon dioxide emissions. Making the **impact of our new innovative product vast.**

Producing 1 tonne of cement emits 840kg of CO₂
Producing 1 tonne of CemLime[®] emits just 8kg of CO₂

Saving 1,000 kg of CO₂ is the equivalent of taking a car off the road for 6 months



Get in touch today and see how CemLime can help you achieve your environmental goals.

✉ Email: sales@leiths-group.co.uk

☎ Telephone: 01224 876 333

*MPa (2022), UK Average CEM I, Environmental Product Declaration
Statista (2024), Carbon dioxide emissions from the manufacture of cement worldwide from 1960 to 2023.*

DT GEN (2024), FloGas, Carbon Savings.



Producing a Brighter Cleaner Future

LEITHS
Built on Quality





CemLime is already transforming our concrete mixes:

- Our Rigaflo Self Compacting Concrete uses up to 28% CemLime at a **CO₂ saving of 98kg/m³**
- Our C16/20 Concrete uses up to 20% CemLime at a **CO₂ saving of 31kg/m³**
- Our C28/35 Concrete uses up to 20% CemLime at a **CO₂ saving of 41kg/m³**
- Our Interlocking Blocks at 50 MPa use up to 20% CemLime at a **CO₂ saving of 78kg/m³**
- Our Solid Dense Blocks at 7.3 MPa use up to 20% CemLime at a **CO₂ saving of 27kg/m²**

CemLime[®] production is certified by BSI to ISO 9001
CemLime[®] has been conformity assessed to BS 7979



We have obtained full UKCA Certification for CemLime. It conforms to BS 8500-2 for use in combination with CEM I Portland cement strength class 42.5 or higher conforming to BS EN 197-1 as a component of concrete, mortar or grout.

Please see the table below for further technical information.

Calcium Carbonate (CaCO ₃)	>75%
Chloride	<0.1%
Compressive Strength ⁽¹⁾	2 days: ≥ 10.0 N/mm ² 28 days: ≥ 42.5 and ≤ 62.5 N/mm ²
Fineness	< 10.0% retained 0.045mm sieve
Initial Setting Time ⁽¹⁾	> 75 minutes
Soundness ⁽¹⁾	<10mm

(1) CEM I Portland cement class 52.5 source Tarmac, Dunbar was used in laboratory testing to a 80% CEM I: 20% CemLime combination.