

## **The Environmental gain of using Lime Mortar over cement Mortars**

Lime is produced at a much lower temperature than Portland cement saving vital energy in production.

Lime is able to be produced at a more local level and on a small scale as opposed to vast cement works.

Lime is self-healing following structural movement without the need for costly remedial work.

Lime is soft enough to be easily removed from bricks or masonry at the end of life allowing the inexpensive cleaning and re use of the material.

Cement mortared masonry on the other hand is destined for land fill at the end of life as cement mortar cannot easily be separated.

Lime mortar is said to be 80% better in items of Co<sub>2</sub> (carbon) cost than cement at an estimated carbon foot print of 40kg Co<sub>2</sub> per tonne as opposed to cement at 200kg tonne.