

**kg** Cement mortar

Cement mortar contains Portland cement, sand and hydrated lime. It is used as a bonding layer for bricks, masonry blocks and stonework.

It is generally available in bags (usually up to 20 kg) and is mixed with water on site to form a highly workable paste. Once cured, it becomes hard but is designed to be weaker than the masonry elements it is used with.

A range of mortar types are available, ranging in strength depending on the mix ratio, with stronger mortars containing a higher proportion of cement. Mortars containing alternative binders are also available, including polymer cement and lime mortars.

**Category** Concrete and plaster products

**Type** Other minerals

**Functional unit** kg

**Specific heat** 837 J/(kg·K)

**Density** 1 858 kg/m<sup>3</sup>

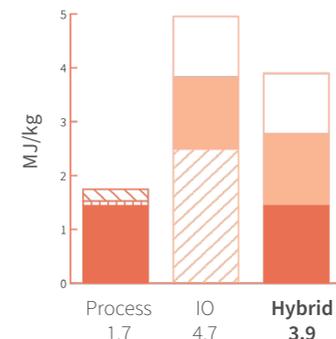
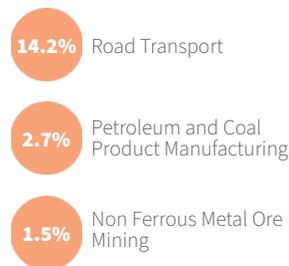
**Common uses**  
Bonding masonry walls, pointing, render

**Process name**  
Cement mortar, at plant/CH U/  
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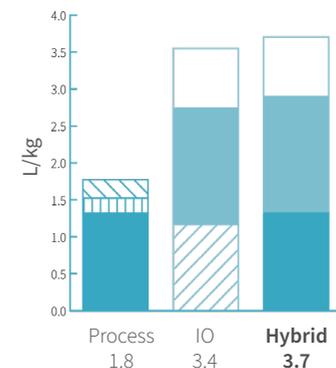
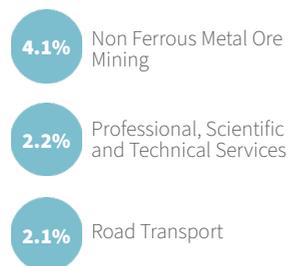
**Input-output sector**  
Cement, Lime and Ready-Mixed  
Concrete Manufacturing

**Further information**  
[doi.org/10.26188/5da5528f75432](https://doi.org/10.26188/5da5528f75432)

**TOP THREE INPUTS**



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