

## kg Sanitary ceramic

Sanitary ceramics are a high quality ceramic product that is durable, water proof, stain and mould resistant. Materials used in sanitary ceramics are generally denser and less porous than other ceramic products.

Sanitary ceramics are commonly made from silica, sand, feldspar and clays such as kaolinite that are used to make china and porcelain. The raw materials are pulverised into fine particles and mixed together, before being formed into the desired size and shape. The product is then dried, glazed with a waterproof coating and fired in a high temperature oven/kiln.

Sanitary ceramics are commonly used for washbasins, toilets, bathroom accessories and sanitary ware. They are generally more expensive than other ceramic products, due to their high-quality waterproof and stain resistant finish.

**Category** Sand, stone and ceramics

**Type** Ceramic

**Functional unit** kg

**Specific heat** 1 070 J/(kg·K)

**Density** 2 700 kg/m<sup>3</sup>

### Common uses

Washbasins, toilets, bathroom accessories, sanitary ware

### Process name

Sanitary ceramics, at regional storage/CH U/AusSD U

### Input-output sector

Ceramic Product Manufacturing

### Further information

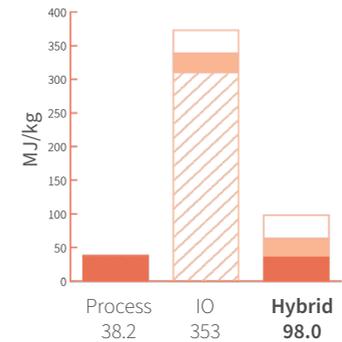
[doi.org/10.26188/5da5575bb1595](https://doi.org/10.26188/5da5575bb1595)

### TOP THREE INPUTS

**24.4%** Natural gas, burned in industrial furnace >100kW/ RER U/AusSD U

**8.1%** Road Transport

**2.9%** Cement, Lime and Ready-Mixed Concrete Manufacturing



### ENERGY

**98.0**  
MJ/kg

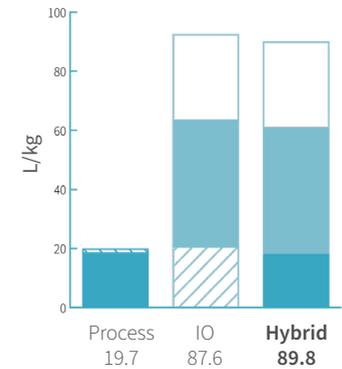


### TOP THREE INPUTS

**4.5%** Kaolin, at plant/RER U/AusSD U

**2.8%** Professional, Scientific and Technical Services

**2.5%** Food and Beverage Services



### WATER

**89.8**  
L/kg

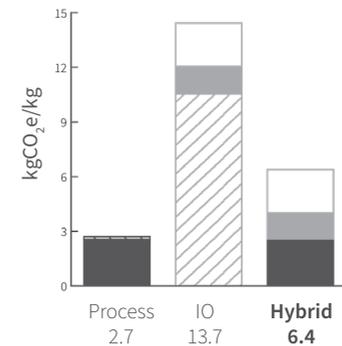


### TOP THREE INPUTS

**23.6%** Natural gas, burned in industrial furnace >100kW/ RER U/AusSD U

**3.9%** Cement, Lime and Ready-Mixed Concrete Manufacturing

**3.6%** Road Transport



### GREENHOUSE GAS EMISSIONS

**6.4**  
kgCO<sub>2</sub>e/kg

