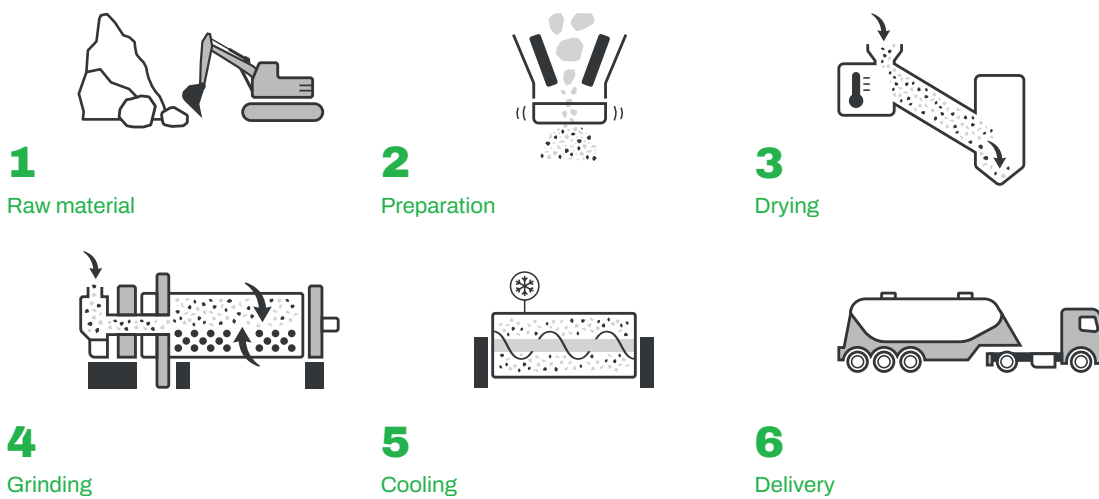


Building for the future

No pollution of the air or environment during production, the highest standards of worker protection and no negative organic, inorganic or ecotoxic effects on the environment: cyment stands for responsibility at all levels. Added to this are the highest quality standards and complete recyclability - a real game changer for sustainable, climate- and resource-friendly construction projects of the future.

Our product

cyment is produced without an energy-intensive combustion process - keeping the air clean and the environment unpolluted. In this way, we avoid emissions from production from the ground up and send a clear signal for sustainable construction.



Quality assurance

Highest and consistent quality. Our production is subject to the strictest assessment and inspection system for performance consistency - the AVCP System 1+.

Employee protection

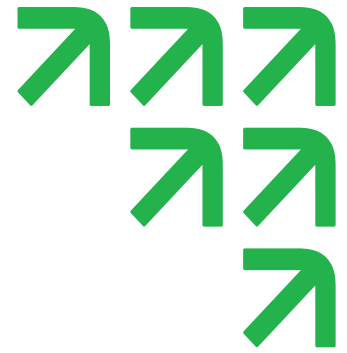
In the construction sector, cement is considered to be the main cause of occupational skin diseases, such as so-called masonry scabies (cement dermatitis) - triggered by chromate (chromium VI compounds), which also classified as potentially carcinogenic. Although chromate can be reduced in cement, residual quantities cannot be completely avoided.

At cyment, things are different: tests by state-accredited inspection bodies have confirmed that the chromate content of our product is below the detection limit (**chromium VI < 0.00001% by mass**). This means maximum safety for everyone who works with Cyment.



Environmental impact

cyment was comprehensively tested and positively assessed as part of the approval process and recurring external monitoring (Quality Management System 1+). In addition to radioactivity and the levels of organic contaminants (PAH, PCB, PEOX, BTEX, PNI, total HC, CN), the tests also include all relevant heavy metals and ecotoxicity for living organisms. Particularly important: the environmental compatibility of building products that come into contact with rainwater, groundwater or seepage water. cyment meets all requirements - for a sustainable and safe construction method.



Organism

Result

Poecilia reticulata (Guppy)	not hazardous
Daphnia magna (Large water flea)	not hazardous
Scenedesmus quadricauda (genus of unicellular green algae)	not hazardous
Sinapis alba (white mustard)	not hazardous

Use

cyment replaces part of the cement in concrete and is used in various areas such as ready-mix concrete, the precast industry, construction products and other applications. Their use can increase the durability of concrete - whether in terms of sulphate resistance, frost resistance, water penetration depth, carbonation, chloride migration or heat development. This allows the positive effects of cyment on climate protection and resource conservation in the building materials industry to be maximized.

Recycling U-A

At the end of the product life cycle of construction products is recycling - this also applies to buildings with cyment. The Re-cycling Building Materials Ordinance in Austria, one of the strictest legal frameworks in Europe, aims to ensure a high quality of waste from construction and demolition activities and to promote the recycling of these materials. As part of the approval process, cyment was positively assessed by state-accredited testing and inspection bodies with regard to the requirements of the Recycled Building Materials Ordinance. Concrete demolition receives **quality class U-A** - for sustainable recycling.

Climate protection & conservation of resources

The production of cyment generates only 1.5 - 2% of the greenhouse gas emissions of cement clinker. This corresponds to **26 kg/t CO₂ equivalent according to the Environmental Product Declaration (EPD)**. This means that cyment makes a significant contribution to achieving a large number of sustainable development goals and substantially reducing the ecological footprint in the construction industry.

