RoadCem™

RoadCem™ is specially developed for applications in groundworks, road constructions and hydraulic engineering. It consists of a fine powdery substance that will bind almost any type of material into a durable stabilization. In-situ materials such as sand, clay and peat can be used, in principle no construction materials have to be supplied. In addition to a reduction of transport costs the impact on the environment is significantly reduced. RoadCem™ has been successfully used for decades to build roads, parking areas, port sites, airports and industrial floors.

ConcreCem™

ConcreCem™ is developed as a hardening accelerator for concrete. ConcreCem™ modifies the dynamics and chemistry of the cement hydration process. It improves the hardening process with the formation of durable crystalline structures.

ImmoCem™

Immocem™ is used for sustainable immobalisation and stabilisation of polluted sites and contaminated materials. These are converted into new building materials with high quality mechanical properties. ImmoCem™ is based on the formation of crystalline structures in which the chemical contamination is durably integrated. As a result, these new materials can be safely used without harming the environment. Therefore ImmoCem™ provides sustainable solutions for the remediation of contaminated soils.

Let us prove our capability

For each project, PowerCem Technologies is ready to face the challenge to prove that its technology provides many benefits. We would be happy to discuss the possibilities for your project. Please contact us via info@powercem.com or via +31 168 409 440.

Proudly Distributed in Australia by:

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Durable technologies by PowerCem

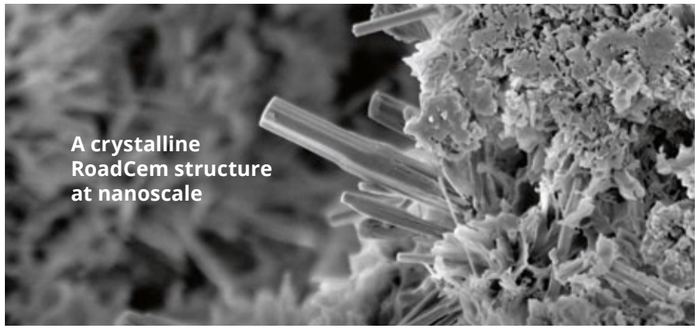
Reliable technology with many benefits

PowerCem Technologies is completing projects worldwide using a unique technology. Amongst others, this technology is used for the efficient construction of roads, ports and airports (RoadCem™) and for the immobalisation of polluted sites (ImmoCem™). The technology is also suitable as a hardening accelerator for concrete (ConcreCem™).

- Cost reduction
- Time saving constructions
- Durable constructions
- Less impact on the environment
- Use of in-situ materials

Principles of our unique technology

The products are based on a unique composition of alkaline (earth) substances and synthetic zeolites, with the addition of activators developed by PowerCem™. The technology creates a crystalline structure at nanoscale. This results in applications that were previously unimaginable.



A crystalline RoadCem structure at nanoscale

Making use of our expertise

For an optimal result, we advise and manage the use of our products. Our expertise is particularly used in the field of engineering; from design to technical advice. The laboratory facilities at our main office are suitable to analyse all soil samples. Our skilled experts are available to supervise projects on-site and provide quality checks.

"It is fantastic to be able to provide the basis for many building projects in the world. Through innovative thinking, we are able to create possibilities that were previously considered impossible. Both in a practical and financial sense."

Pascal Lakerveld, Civil Engineer
PowerCem Technologies.

Worldwide applicable

For more than 20 years PowerCem Technologies has been completing projects around the world resulting in hands on experience in various countries, with many different soil types and applications. Projects have been successfully completed in the most extreme conditions, from the depths of the Amazon region to the Arctic region of North America.

PowerCem™ is implemented world-wide and all products have been patented and certified. As a result, PowerCem™ has a global network of specialist distributors, with whom the technology has been used successfully in more than 40 countries.