

An aerial photograph of a large dam and reservoir, showing the concrete structure of the dam and the surrounding landscape. The image is framed by a thick orange border with rounded corners.

Chem Concrete Hybrid Admixture

The Future of Durable
Concrete

chemconcretecanada.com

A Game-Changing Solution for Long-Lasting, Maintenance-Free Concrete

Chem Concrete Pty Ltd is an Australian company led by a team of renowned professors, PhDs, and engineers specializing in advanced concrete waterproofing solutions. With a focus on innovation, our proprietary **ChemConcrete-WP** admixture (Patent No. 2023902368) delivers unmatched durability, cost savings, and environmental benefits to the construction industry.



What is Chem Concrete Hybrid Admix?

Chem Concrete Hybrid Admixture is a **next-generation complex mixture of five different cutting-edge technologies** that outperforms traditional solutions. Unlike conventional waterproofing products that rely on a single mechanism, our advanced formula combines:

- **Crystalline agents** for self-healing microcracks.
- **Pore-blocking technology** to prevent liquid infiltration.
- **Hydrophobic compounds** for enhanced resistance of fluids.
- **Nano-densifiers** to strengthen concrete at the molecular level.

How It Works

Simply add Chem Concrete Hybrid Admix to your concrete mix; either wet or dry type batching plants. It integrates seamlessly, disrupting the normal capillary system and lowering overall permeance of concrete to unmatched levels.



Key Benefits



Superior Protection

Prevents water penetration, corrosion, and chemical damage.



Cost-Effective

Reduces labor, maintenance, and long-term repair costs.



Extended Service Life

Increases concrete durability, even in harsh environments.



Eco-Friendly

Non-toxic, VOC-free, and reduces CO₂ emissions.



Easy Application

No additional equipment or special training required.

Compared to untreated concrete, Chem Concrete Hybrid Admix **reduces water absorption by over 85%**, enhances compressive and flexural strength, and ensures long-term performance under severe hydrostatic pressure.

Ideal Applications

Designed for projects requiring **high-performance, waterproof, waterproof & corrosion resistant concrete**. Chem Concrete Hybrid Admix is ideal for:

- **Infrastructure:** Bridges, tunnels, dams, road barriers.
- **Industrial & Commercial:** Parking lots, warehouses, podium decks.
- **Marine & Wet Environments:** Wharves, boat ramps, swimming pools.
- **Water Management:** Tanks, sewer pipes, drainage systems.
- **Foundations & Basements:** Protection from groundwater infiltration.



**Join the Next Generation of
Concrete Technology!**

Contact Us today

Learn how **Chem Concrete
Hybrid Admixture** can enhance
your projects.

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