

CWS100® PROBLEM-FREE WATERPROOFING

CWS100® is a liquid CSH gel which is sprayed onto cured concrete. It forms a barrier inside the concrete that seals cracks up to 2.2mm and remains active to seal future hairline cracks in the presence of water (with most design mixes).



PROBLEM-FREE WATERPROOFING

Single application waterproofing that lasts for the design life of the structure.



SUPER-FAST APPLICATION

Up to 6000m² per day compared to 100m² for a membrane. Trafficable, six hours after application.



ENVIRONMENTALLY FRIENDLY

Non-toxic. No VOC's. Can earn LEED points.



WHY USE CWS100®?

OWNER/DEVELOPER

- ▶ Waterproofs for design life.
- ▶ Saves \$\$\$.
- ▶ Super-fast application speeds construction.

CONSULTANT

- ▶ One coat application minimises errors.
- ▶ Environmentally friendly: earns LEED points.
- ▶ No screed required which saves time and money.

MAIN CONTRACTOR

- ▶ VERY contractor friendly.
- ▶ Trafficable 6 hours after application.
- ▶ Cannot be damaged by other trades.
- ▶ Super-fast application avoids liquidated damages claims.

TYPICAL APPLICATIONS

Because of its ability to withstand thermal stress and its super-fast application, CWS100® is particularly suitable for areas of exposed concrete such as above-ground applications and water tanks.



▲ Wharf & marine structures



▲ Shopping centre rooftops



▲ Bridges



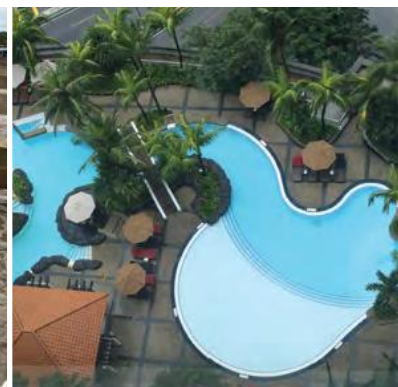
▲ Water tanks



▲ Carparks



▲ Wastewater plants



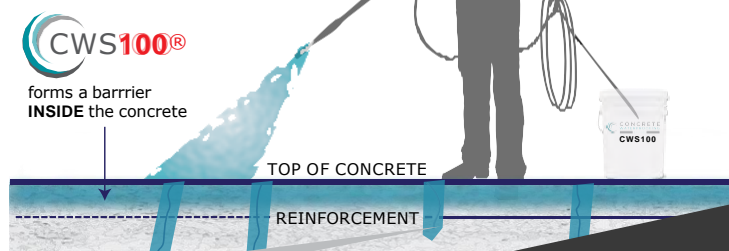
▲ Podium decks

BENEFITS OF CWS100®?

- ▶ CWS100® waterproofs for the life of the structure.
- ▶ Permanently seals static cracks up to 2.2mm.
- ▶ Seals future hairline cracks, subject to mix design.
- ▶ Non toxic. Suitable for drinking water.
- ▶ CONCRETE PROTECTION:
 - Protects against water, chloride and sulphate ingress.
 - Prevents steel corrosion.
 - Makes concrete **harder** than granite.

APPLICATION

- ▶ CWS100® is suitable for use on properly vibrated structural concrete with a minimum of 20MPa.
- ▶ Super-fast application: one person can apply about 6000m² per day compared to 100m² for a membrane.
- ▶ Suitable for use on both horizontal and vertical surfaces.



PROJECTS

CWS100® has been used by some of the world's most recognised Developers, Architects and major Contractors.

Below are just a few of the major projects CWS has completed in Asia-Pacific, Europe, the Middle East and the Americas.



The World, Dubai



Silos - Port of Salaverry, Peru



Adelaide Carpark, Australia



Sorocaba Sewage Plant, Brazil



Curepe Interchange, Trinidad



Gold Coast Apartments, Jakarta



Port of San Martin, Peru



Somerset Apartments, Jakarta



Tainionkoski Bridge, Finland



One Tower, Balneário Camboriú, Brazil



Trees Residences, Manila, Philippines

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