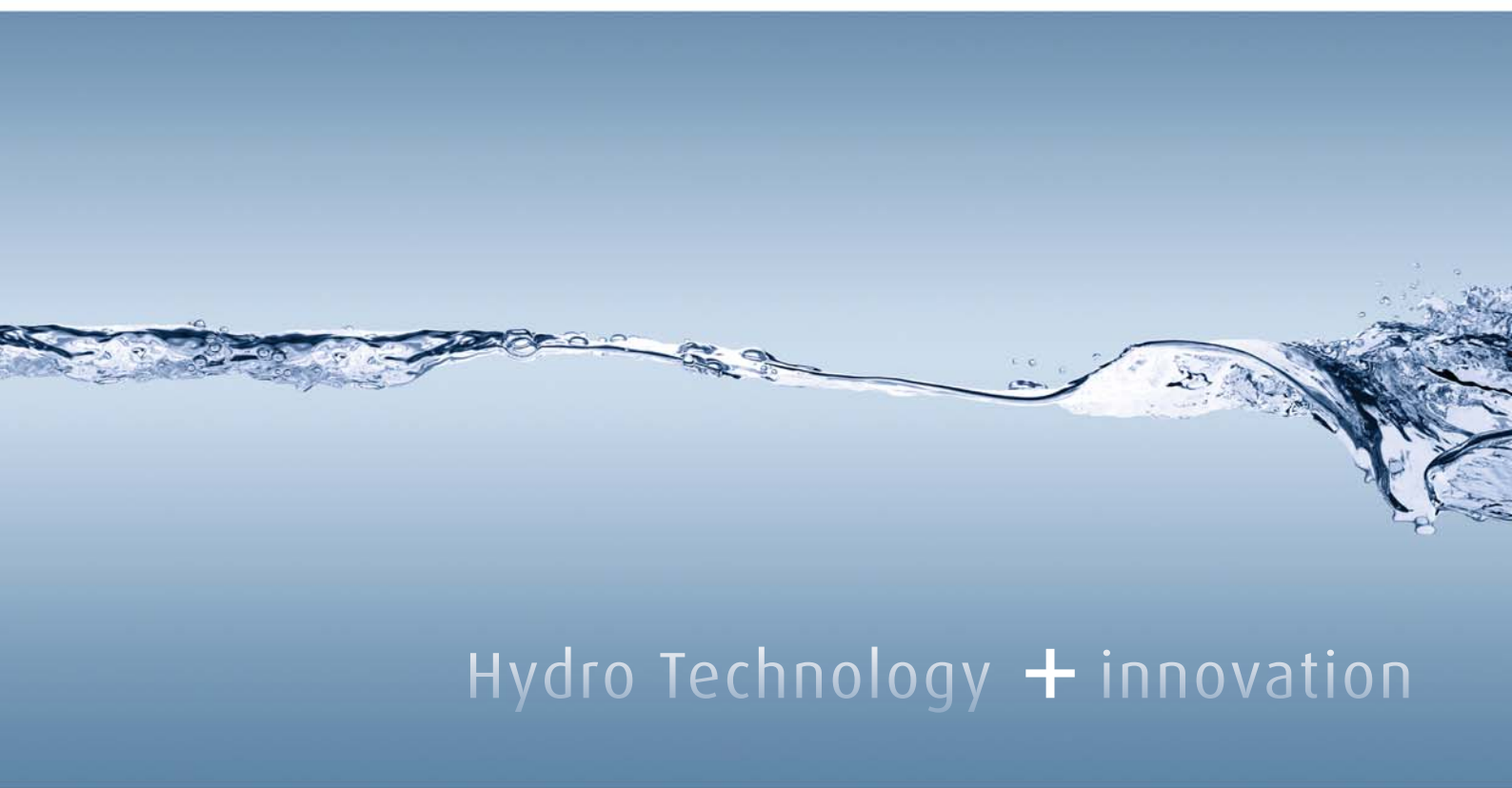


Polyurea Systems

Quality Solutions for protective coating applications



Hydro Technology + innovation

Introducing Polyurea Systems Quality Sol

What are Polyurea Systems?

Polyurea Systems are an innovation developed using high performance spray-applied membranes.

Our high-build, fast-set, spray-applied elastomers provide significant protection to various metal/steel, wood, concrete, fiberglass, plastic, rubber, urethane foam and many other substrates.

Some of the industries served by Polyurea applications:

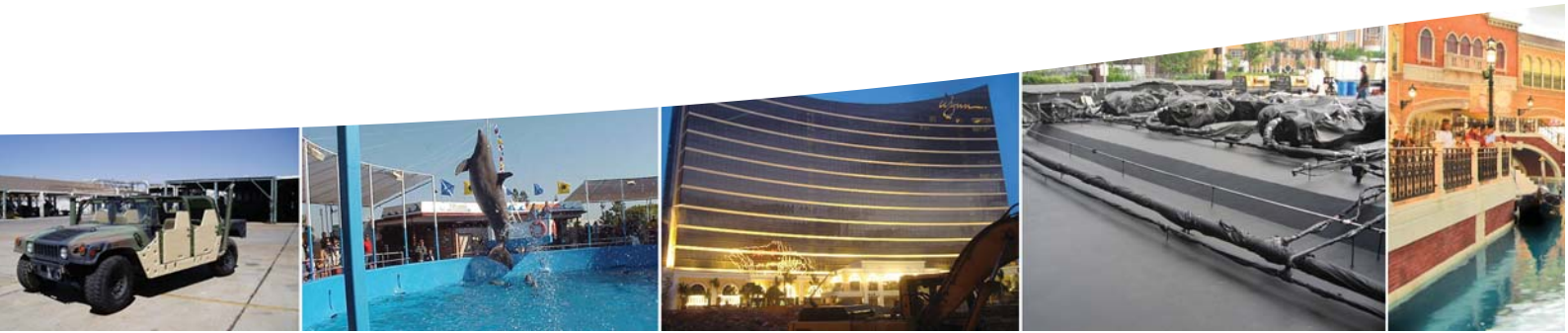
- Water and Wastewater
- Concrete Protection
- Waterproofing/Tunnel Linings
- Military and Defense
- Oil and Gas
- Nuclear Power
- Marine
- Landscape and Water treatment
- Storage Tank Coating
- Facility Maintenance

Technology & Innovation

Polyurea cures to form a coating/lining system with high elongation and high tensile strength, coupled with exceptional abrasion resistance. Polyureas are tack-free within seconds, are moisture tolerant and enable a very quick return to service. Polyurea also has tremendous advantages over conventional material for joint filler and caulk applications.

Benefits of Polyurea

- Zero VOCs and little to no odour
- Application in damp, humid conditions
- Excellent physical characteristics
- Waterproof, seamless and resilient
- Unlimited thickness in one application
- Excellent resistance to thermal shock
- Good bond to prepared substrates
- Chemically resistant
- Tack-free in seconds



Solutions for waterproofing

Environmentally Friendly

Polyurea systems fully comply with the latest requirements for Zero VOC emissions.

Typical Physical Characteristics

Tensile Strength	> 22kn/mm ²
Elongation	> 400%
Hardness Shore A	> 95
Hardness Shore B	> 50
Tear Resistance	> 70kn/m

Quality Assurance

Polyurea is spray applied using plural component proportioning equipment. Quality assurance is guaranteed by combining experienced material formulators with Certified applicators.

Hydrotech Waterproofing Solutions have a marketing agreement with Specialty Products Inc (SPI) which is widely acknowledged as being one of the global leaders in developing and manufacturing pure Polyurea Elastomeric Coatings.

Hydrotech Waterproofing Solutions only use Certified operatives for all applications.

Major Hong Kong/Macau clients who have experienced the Polyurea Revolution

- MTRC
- KCRC
- Hong Kong Housing Authority
- ASD
- Hong Kong Housing Society
- Wynn Resort & Casino
- The Venetian Casino
- Hong Kong Disneyland
- Link Reit



Systems marketed by Hydrotech Waterproofing Solutions

ConSol
Environmentally friendly solutions

we help facades!
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Leading the Polysare Evolution



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Hydrotech Waterproofing Solutions is a Member of Hydrotech International  group of companies

