

Megapoxy®

Proven solutions for
water and wastewater
infrastructure



Supporting critical infrastructure

For more than 50 years, Megapoxy has supported critical infrastructure projects across Australia and the world.

Our epoxy adhesive solutions are engineered to protect, strengthen and extend the life of water and wastewater assets – from dams and reservoirs to pipelines and treatment plants.

Their use provides long-term protection and durability in harsh environments, and establishes and reinstates structural integrity in the event of corrosion, abrasion or leaks. This delivers reduced capital expenditure and maintenance costs while increasing safety and sustainability.

Megapoxy built for water systems

- ✓ Corrosion, chemical and abrasion resistant including against hydrogen sulphide.
- ✓ Internal surface protection to avoid the release of particles and debris that clog valves and pipes and contaminate supply.
- ✓ Resists bacteria and microbial growth.
- ✓ Excellent waterproofing capabilities with the right film thickness and correct application.
- ✓ Nil water absorption (with test reports available).
- ✓ Compliant with AS/NZS 4020 Potable Water standards.



The Megapoxy difference



Certified assurance

Compliant with all key Australian and international standards.



Australian-owned and operated

With local manufacturing and supply chain certainty for projects of any size.



Easy to specify and apply

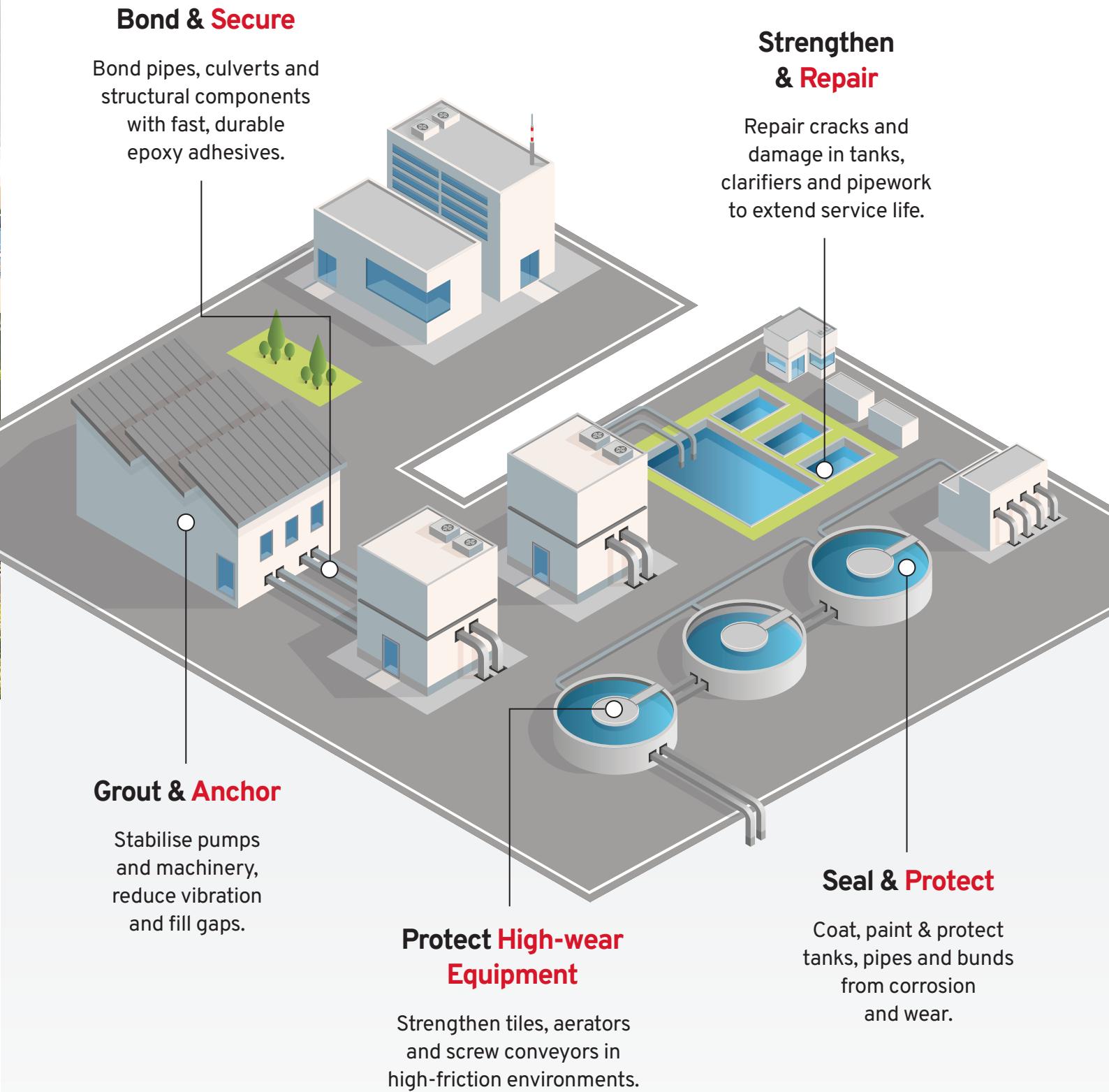
Clear technical data and instructions, local expertise.



Safe and sustainable

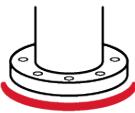
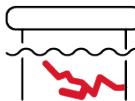
The majority of Megapoxy products are very low VOC meaning minimal odour, safer applications and a more sustainable choice.

Trusted across the water lifecycle



Product selection guide

At a glance: the best Megapoxy products to your asset type.

Assets	Megapoxy solutions	Ideal for
	Tanks & Vessels Tanks, bunds, process vessels, clarifiers, settling tanks	H, HT (Grey), MC2 (Grey), P1, 132 (Grey), 206 Ultra, Megadure Ceramic Coating Coating, sealing, patching, grouting, anchoring, chemical & H ₂ S resistance
	Piping Systems Pipework, pipes, elbows, culverts	H, HT (Grey), MC2 (Grey), P1, Megadure Ceramic Paste, Megadure Ceramic Coating Protective coating, internal surface protection, bonding, crack repair
	Mechanical Equipment Pumps, heat exchangers, aerators, screw conveyors	P1, 206 Ultra High vibration, grouting under load-bearing components
	High-wear Equipment Wear-resistant tiles, high-flow pipes, high-wear equipment	Megadure Ceramic Coating, Megadure Ceramic Paste, MC2 (Grey), HT (Grey) Abrasion-resistant lining and repair, internal surface protection/protective coatings
	General Infrastructure Grouting areas, joints, linings, crack and patch repairs	H, P1, 206 Ultra Structural integrity, crack sealing, joint fillers and sealants, waterproofing systems



Product spotlight



Megapoxy P1

High-strength epoxy paste adhesive for structural bonding.

- Applications:** Bonding structural materials, repairing cracks and defects in water infrastructure.
- Key benefits:** Potable-water safe, resistant to hydrogen sulphide, strong and permanent bonds.



Megapoxy 206 Ultra

Heavy-duty epoxy grout for anchoring and stabilising.

- Applications:** Anchoring pumps, filling structural voids, grouting under heavy machinery and water infrastructure.
- Key benefits:** Potable-water safe, solvent-free, flowable and water-displacing, adheres and cures in cold and damp conditions, maintains strength after water immersion, has excellent compressive strength and is corrosion resistant.



Megapoxy MC2 Grey

Heavy-duty maintenance coating for protection and maintenance.

- Applications:** Tanks, pipes and clarifiers in water and wastewater systems.
- Key benefits:** Potable-water safe (colour specific), resistant to hydrogen sulphide, chemicals and abrasion.



Megapoxy H

High-strength epoxy adhesive for bonding and repair.

- Applications:** Wet-to-dry concrete bonding, crack repair, patching and anchoring in water infrastructure. H is liquid epoxy resin (for priming, bonding and pourable mortar mixes).
- Key benefits:** Potable-water safe applications, resistant to hydrogen sulphide, suited to underwater and splashzone repairs.

Product spotlight



Megapoxy 132 Grey

High-strength epoxy adhesive for filling and coating.

- **Applications:** Surface repairs and protection, coatings, concrete protection and surface sealing.
- **Key benefits:** Potable-water safe applications, waterproofing and protection of concrete and timber, safe for food-and-beverage and drinking-water contact, high abrasion resistance for factory and sporting-complex environments.



Ceramic Coating

Heavy-duty abrasion-resistant epoxy coating for high-wear surfaces.

- **Applications:** Protective coating for concrete and steel in high wear applications.
- **Key benefits:** Heavy-duty abrasion resistance, strong chemical durability for wastewater environments, creates a hygienic, dust-free protective surface.



Megadure Ceramic

Abrasion-resistant epoxy paste and coating for high-wear surfaces.

- **Applications:** Protective lining and repair of pumps, aerators, screw conveyors tiles and high-flow pipes.
- **Key benefits:** Potable-water safe, exceptional wear resistance, prolongs service life in harsh environments, available in standard and quick-set formulations.



Megapoxy HT Grey

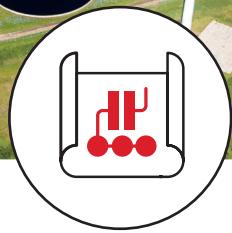
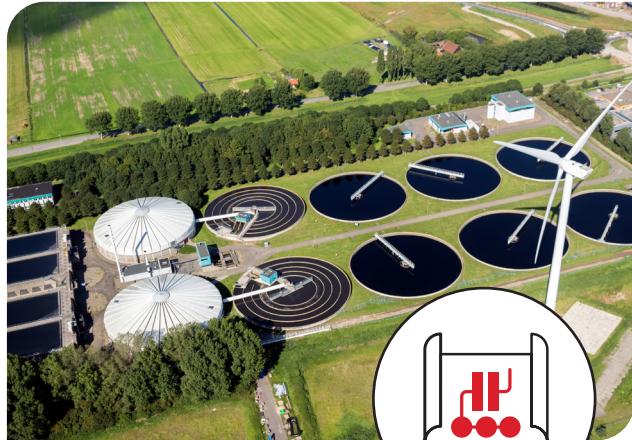
Hydrophilic epoxy adhesive for bonding and filling.

- **Applications:** Wet-to-dry concrete bonding, crack repair, patching and anchoring in water infrastructure. HT is non-sag epoxy paste (for vertical and overhead repairs).
- **Key benefits:** Potable-water safe, resistant to hydrogen sulphide, suited to underwater and splashzone repairs.

Solutions for every stage



Megapoxy in Action:
See Projects.



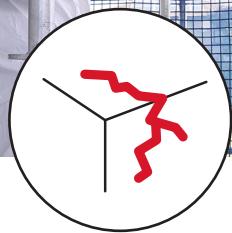
► Greenfield

- Long-term protection for pipes, tanks and structures.
- Chemical and abrasion-resistant coatings.
- Compliant bonding and lining systems for water assets.



► Maintenance

- Extend asset life with resurfacing and protective coatings.
- Minimise downtime with fast-curing repairs.
- Enhance wear resistance on mechanical components.



► Repair

- Seal cracks and restore structural integrity.
- Compatible with joints, elbows and culverts.
- Easy-to-apply solutions for quick fixes.



► Retrofit

- Upgrade ageing infrastructure.
- Add long-lasting protection to worn surfaces.
- Improve performance without full replacement.

Certified and tested performance

Our formulations are proven through extensive in-house and independent testing to meet the demands of essential infrastructure.

Certified confidence

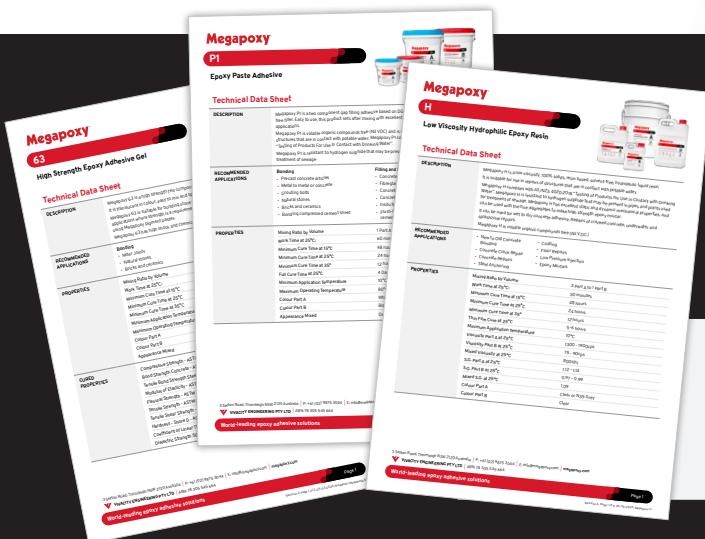
- **APAS-recognised manufacturing unit:** approved under the Australian Paint Approval Scheme.
- **ISO9001:2015:** international benchmark for quality management systems.
- **AS/NZS 4020:2018:** potable water certification available on key products (colour-specific).



Meticulous testing

Our comprehensive testing program includes:

- **Mechanical testing:** response to stresses and strains under compressive, tensile and flexural loads.
- **Abrasion resistance (Taber method):** validated wear resistance.
- **UV & weathering chamber:** accelerated exposure simulates years of sunlight and rain in days.
- **Condensation cycles:** verify coatings withstand moisture and vapour exposure.
- **Hydrogen sulphide resistance:** protection for wastewater and sewerage assets.



Support & data

- Full technical data sheets available for all products.
- Local technical support and clear advice for specification.



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TDS library.

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