

Megapoxy®

Epoxy Systems for Marine Environments

Quick Reference Guide



Proven solutions for demanding marine environments

Marine structures and vessels operate in some of the toughest conditions, with constant exposure to water, salt, weather, movement and wear.

Without the right protection, repairs become frequent, costly and disruptive – and safety risks intensify when assets deteriorate.

Our epoxy systems provide high-strength, proven solutions across the sector, backed by more than 50 years of Australian manufacturing expertise.



Why epoxy in marine environments?

For specifiers and asset owners, the right epoxy systems offer targeted durability, practical installation and whole-of-life value.



Marine-grade solutions

Purpose-made epoxy formulations are designed for wet, corrosive and highly exposed conditions, including tidal zones.



Onsite ease

Two-part systems simplify application and reduce storage, handling and equipment needs, particularly where space and access are limited.



Asset life & value

Long service life and fewer repair cycles can significantly lower maintenance, downtime and whole-of-life costs.

Key Megapoxy **marine solutions**

A quick overview of Megapoxy epoxy solutions for common marine construction, repair and maintenance needs.



Megapoxy 69

High-Strength Epoxy Adhesive Gel

For high-strength bonding and filling, including vertical and overhead work.



Megapoxy H

Low Viscosity Hydrophilic Epoxy Resin

For bonding and crack repair on damp, wet and splash-zone substrates.



Megapoxy HT

Hydrophilic Epoxy Gel Adhesive

For high-build bonding and filling on damp or wet surfaces, including vertical, overhead and underwater work.



Megapoxy HX

Extra Low Viscosity Epoxy Resin

For bonding, filling and crack repair where high flow and deep penetration are required.



Megapoxy 206 Ultra

Heavy-Duty Epoxy Grout

For high-strength structural grouting, including pile repair, void filling and other high-load applications.



Megapoxy P1

Epoxy Paste Adhesive

For structural bonding, gap filling and repairs, including vertical and overhead work.



Megapoxy LVS

Low Viscosity Sealer

For penetrating, sealing, strengthening and priming porous surfaces.



Megapoxy 132

High-Strength Epoxy Coating

For lasting surface protection in demanding marine environments.



Megapoxy MC / MC2

Heavy-Duty Maintenance Coatings

For robust protection against chemical exposure, impact and abrasion. MC2 offers faster work and re-coating times.

Megapoxy across the marine sector

Megapoxy solutions are proven across the marine environment
– above and below the water.

- **Vessels:** boatbuilding, repairs, floors and decks.
- **Marine infrastructure:** piers, jetties, wharves and related marine assets.
- **Below water:** piles, void filling and underwater/tidal-zone repair.

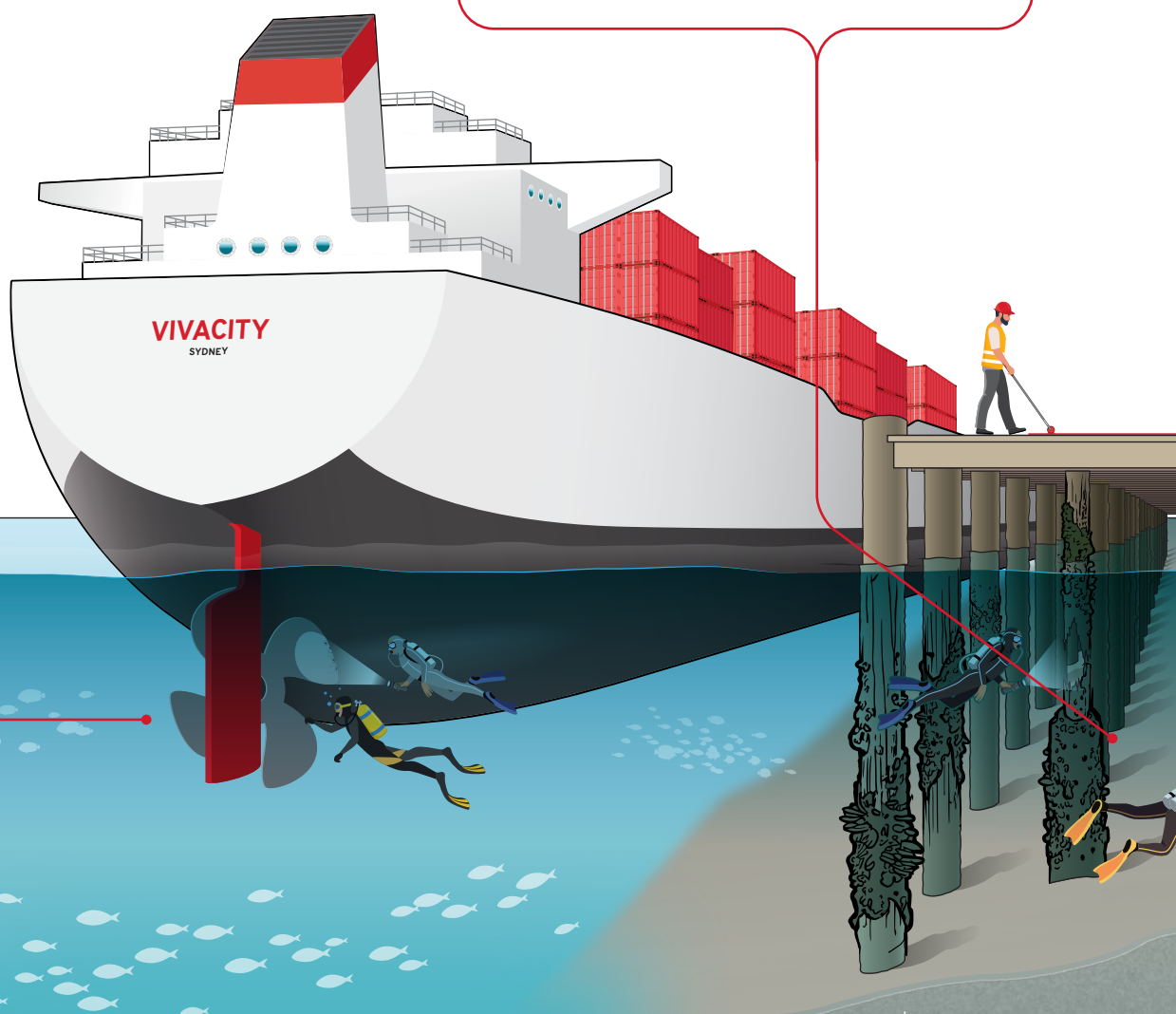
Boatbuilding & repair

- Structural bonding
- Timber deck repair
- Component bonding
- Gap filling



Piers, piles & underwater work

- Pile rehabilitation
- Structural grouting
- Void filling
- Submerged and tidal-zone repair





Pier removal and repair at Port of Geelong

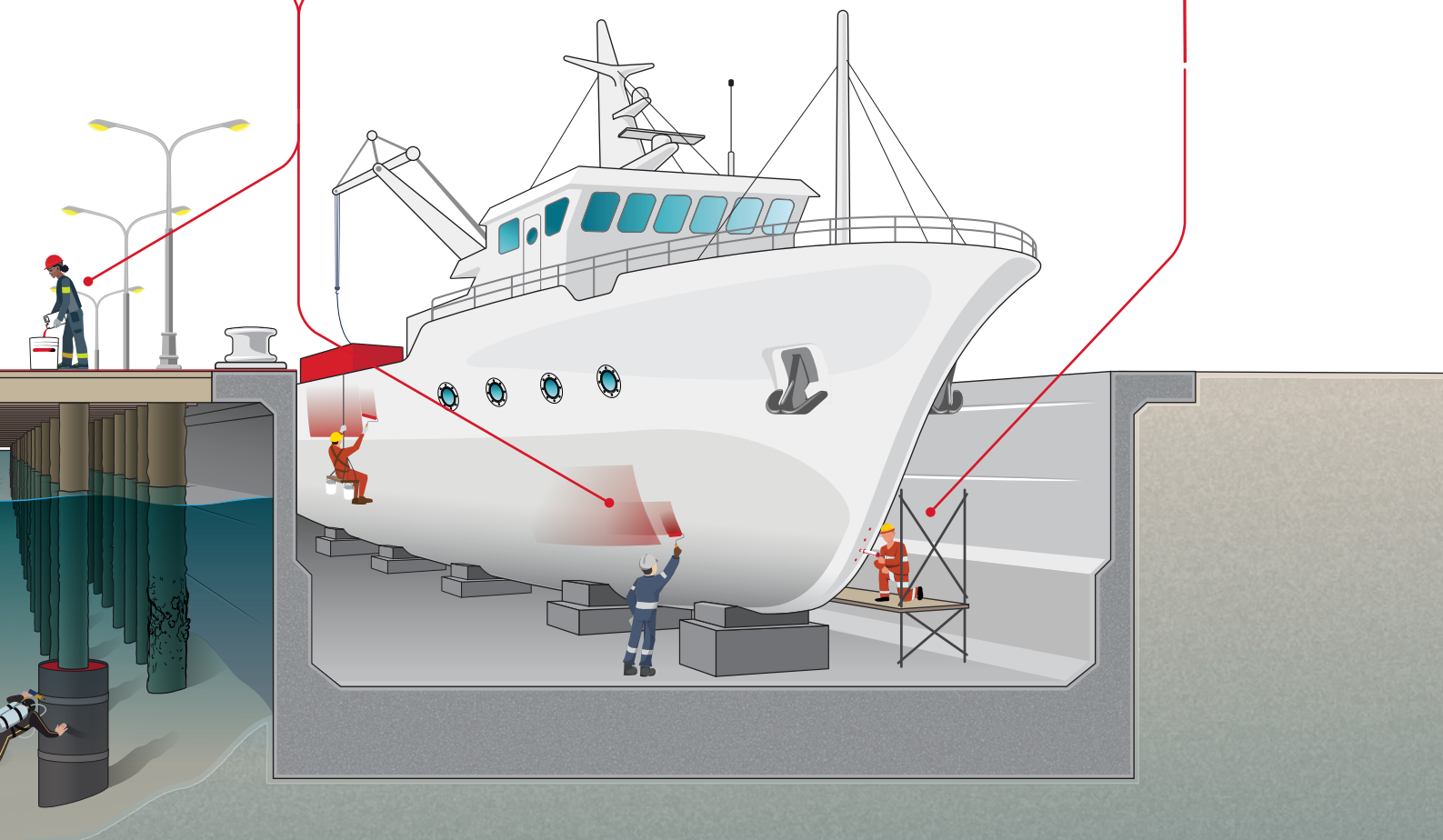
Floors, decks & surface protection

- Floor & deck coatings
- Sealing
- Surface repair
- Wear and weather protection



Hull repair & rehabilitation

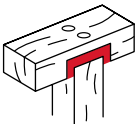
- Crack injection
- Patching damaged sections
- Water-ingress repair
- Hull restoration



Selecting the right Megapoxy system

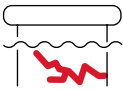
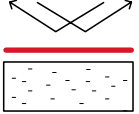
Megapoxy systems can be matched to a wide range of marine repair and maintenance needs –

from structural bonding and crack repair to grouting, rebuilding and protective coatings.

MARINE APPLICATION	TYPICAL REPAIR NEEDS + CONDITIONS	TYPICAL MEGAPOXY SOLUTIONS
 Hull repair & rehabilitation	• Cracks and voids • Holes and damaged sections • Water ingress • Ferro-cement, fibreglass/composite or timber construction.	HX: Crack injection, penetration and filling. P1: Filling holes and patching damaged areas 69 / HT: Structural bonding and filling.
 Boatbuilding, components & timber repair	• Structural bonding and filling • Timber components • Water-damaged timber • Bonding hull components and equipment • Vertical and overhead work.	69: High-strength bonding and filling. H: Bonding and repair on damp/wet substrates HT: Bonding and filling on damp/wet, vertical or overhead surfaces. P1: Structural bonding and gap filling.
 Piers, piles, wharves & jetties	• Deteriorated piles • Structural voids • Grouting; cracks; damp • Wet or submerged conditions • Difficult access.	206 Ultra: Structural grouting, void filling and pile repair. H / HX: Crack repair and penetration. HT: Bonding and repair on damp/wet surfaces.



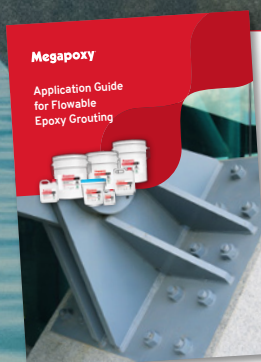
Hull repair and rehabilitation

MARINE APPLICATION	TYPICAL REPAIR NEEDS + CONDITIONS	TYPICAL MEGAPOXY SOLUTIONS
 Underwater & splash-zone repairs	- Wet or submerged substrates - Difficult access - Vertical and overhead work.	H: Bonding and repair. HT: Bonding and repair for high-build applications.
 Marine floors & decks	- Wear and abrasion - Water exposure - Regular cleaning - Slip resistance* where required - Durable finish.	132: Abrasion-resistant coating. MC / MC2: Heavy-duty protective coatings. LVS: Sealing and priming porous surfaces, where required.
 Protective coating & sealing	- Concrete, steel, timber and fibreglass surfaces - Salt and moisture exposure - Corrosion, chemicals and abrasion - Porous substrates.	132: Coating and surface protection. MC / MC2: Heavy-duty protective coatings. LVS: Sealing, strengthening and priming porous surfaces.

* Aggregate can be incorporated into coating systems to achieve the required slip resistance.

Note

This is an indicative guide only. The best system will depend on your substrate, exposure conditions and repair requirements. See megapoxy.com or contact our team to help you select the right Megapoxy solution for your project (see back page).



Need a grouting solution?

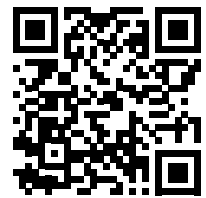


Scan the QR Code to download our Application Guide for Flowable Epoxy Grouting.

It has the formulations you need to handle loads, vibration, corrosion, and long-term demands.

Real-world marine solutions

Read more about our marine-grade solutions and explore real projects including underwater wharf repairs, ferro-cement hull restoration and cruise-boat kitchen flooring.



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