

Megapoxy®

Strength on tap: revitalised brewery flooring and drainage

Project owner: Gosford RSL

Builder: North Constructions

Contractor: Floorgard

Location: New South Wales

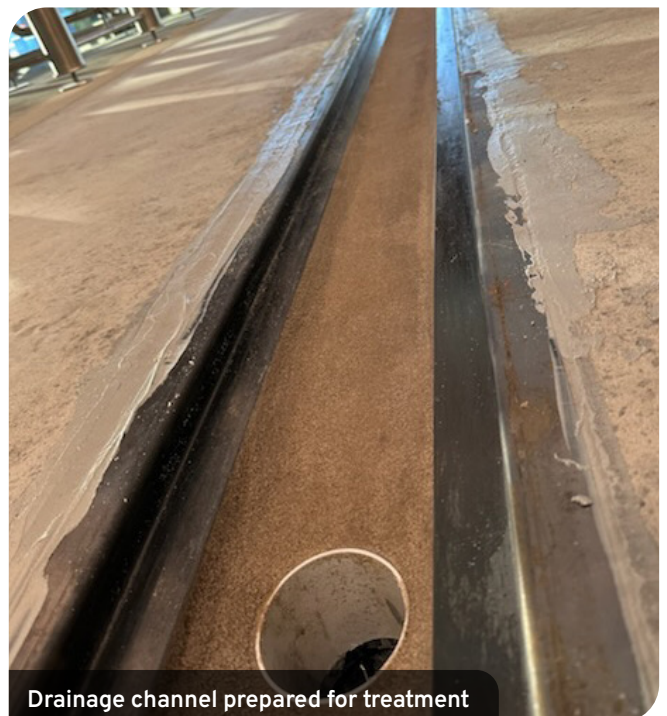


PROJECT SNAPSHOT

Oak Haven Brewery at Gosford RSL is known for its award-winning beers and modern design. The venue needed a solution for a section of flooring around a trough drain that had started lifting due to heat, water and other materials. Epoxy adhesion issues were also found inside the drain and around its piping. A tailored approach using Megapoxy products reinforced the floor, improving long-term durability, and ensured a well-sealed drainage system built for brewery conditions.

Client needs + challenges

- High-temperature resistant, robust and durable floor.
- Seamless blend between restored and existing flooring.
- Well-functioning, properly sealed drainage system.
- Easy-to-clean surface for a busy brewery.
- Efficient and reliable fix to minimise downtime.



Drainage channel prepared for treatment

Solutions, service + simplicity

We worked closely with North Constructions and Floorgard to simplify the process, guiding the right solutions and application methods for a smooth and successful result.

Preparing surfaces

- Loose and delaminating epoxy coating was removed from the affected floor area and drain.
- After removing plastic residue, the drain was ground back to fresh concrete.
- Remaining affected floor coatings were ground off, up to 200mm from the brewery tanks.
- Adjacent floor areas were cleaned and abraded for a seamless blend with the restored area.

Drain grate, drain & puddle flange

- Concrete around the drain was cut to install a steel grate bracket, which was secured with Megapoxy HT, an epoxy gel adhesive with high temperature and chemical resistance.
- Soft epoxy around the puddle flange was removed, the area cleaned, and packed with our high-strength paste, Megapoxy P1.
- The drain interior was primed with Megapoxy H, followed by a high-strength epoxy mortar mix (Megapoxy H and sand) shaped for optimal drainage, and sealed with another Megapoxy H layer.

Final coatings

- A mix of Megapoxy MC (Part A) and Megapoxy H (Part B) was applied across the drain, affected floor and adjacent concrete, creating a fully sealed, seamless, and durable finish.

PRODUCTS USED

- [Megapoxy P1 >](#)
- [Megapoxy H >](#)
- [Megapoxy HT >](#)
- [Megapoxy MC >](#)

Standout benefits

- Stronger, longer-lasting flooring built for brewery conditions.
- Better drainage to prevent water pooling, damage and safety risks.
- A level, safe, ridge-free transition between existing and new floor areas.
- Concrete reinforcement around drains for smooth flow of loaded pallet jacks.
- Resistant to high temperatures, spills, stains and chemicals.
- Easy to clean and low maintenance, saving time and effort.



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