



Precaster edition

May 2016

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Membership

Did you know that you can now apply for Provisional Precaster membership?

It's an alternative to full Precaster membership - it's not turnover based, applies for 2 years max and can be as cheap as 20% of the full Precaster fee!

[Click here to read more.](#)

Perth Members' Meeting

Many of our members find our quarterly dinners and meetings to be one of the most valuable parts of their membership. Dinners and meetings are where they network, keep up-to-date with what is going on in the industry, voice concerns and find solutions to their problems.

With the May Perth meeting not far away, if you're interested in finding out what goes on, we'd love you to join us as our guest.

Please call or email – Sarah Bachmann (CEO) (08) 8294 0833 / exec@nationalprecast.com.au.

Where: Parmelia Hilton, Karri Room
When: 9:00am – 4:00pm Friday, 27th May 2016

This meeting will include:

- Bill Wright from MJB Industries will present the Collie River project.
- PERMAcast’s Alberto Ferraro will share their involvement with Perth Stadium.
- Join in on the Precaster Forum where we will discuss: asbestos, building site fatalities and an adjudication experience.
- Learn about the Personal Property Securities Register and anti-competitive conduct from Tina van Epen of Moray & Agnew Lawyers.



National Precast is turning 25

2016 is an exciting year for National Precast, as we celebrate our 25th anniversary. To commemorate this milestone, we will be hosting a black tie dinner at the Opera Point Marquee in Sydney on November 10. It promises to be a fantastic night, especially with catering by celebrity chef Matt Moran’s restaurant, Aria. We hope that you’ll mark the date in your diary and we will send out more information closer to the event. We’d love you to join us in celebrating the industry’s last 25 years.

Event Partner



Supporting Sponsor



AS 3850:2015 - Prefabricated concrete elements seminars

National Precast and Concrete Institute of Australia are partnering to run a series of seminars covering the revised Standard.

Attention: precasters, builders & engineers...

You're invited!

Changes to AS3850 - Prefabricated concrete elements



August Seminars

Monday 1 Aug - Perth

(5-8pm - City West Receptions, West Perth)

Tuesday 2 Aug - Adelaide

(5-8pm - Adelaide Inn, North Adelaide)

Wednesday 3 Aug - Brisbane

(5-8pm* - Hotel Grand Chancellor Brisbane)

Monday 8 Aug - Hobart

(5-8pm - Best Western Hobart)

Tuesday 9 Aug - Melbourne

(5-8pm* - Mantra St Kilda Road)

Wednesday 10 Aug - Sydney

(5-8pm* - Ryde-Eastwood Leagues Club, West Ryde)

* Note - if these sessions are filled, additional sessions will be run at 1-4pm.

Don't miss out - numbers are limited!

Register now at:

www.concreteinstitute.com.au/ChangesToAS3850.aspx

Prices:

CIA/National Precast members: \$200

Non-members: \$250

Featuring...

Changes to AS3850 - Prefabricated concrete elements

Presented by Jeff Stratford



Business Manager ANZ Precast, Tilt-up & Structural Steel at ramsetreid, National Precast representative on the AS3850 BD-066 committee & Chair of the BD-066 Testing & National Code of Practice sub-committees.

Jeff's presentation will cover:

- reforms to the precast industry;
- why the old standard needed updating; and
- what's in the new standard.

Safety in design



Presented by Kevin Crompton

Director of Operations at Ultrafloor, National Precast Board Member & National Precast representative on the AS3850 BD-066 committee.

Kevin's presentation will cover:

- safety aspects of precast design;
- the role of the 'in-service' designer; and
- the role of the erection designer.

Jointly organised by...



Proudly supported by...



National Precast has withdrawn its support for National Code due to conflict with AS3850:2015 and called for review of Code to be fast-tracked. Codes and Standards play an integral role in the construction industry but when the two conflict, it can cause serious issues. [Read more](#)

In the media

Discover how National Precast member Precast Concrete Products manufactured precast for the cleverly designed Brisbane Ferry Terminals. [Read more.](#)





Read the results of a load-test on a 30-year-old concrete pipe that has been in a tidal marine environment. [Read more.](#)

Watch a video on the new Geelong Library. National Precast member Asurco manufactured glass reinforced concrete for this landmark building. [Watch the video.](#)



Watch a National Precast video on the stunning Nan Tien Institute. Member SA Precast manufactured the precast for this building, which was a key component of the design. [Watch the video.](#)

Concrete is often specified for its durability - check out the articles below to find out how to make yours even more durable

Self-healing technology uses a bacteria to avoid and heal concrete cracking. [Read more.](#)

Australia is pushing for concrete durability changes to reduce chloride-induced corrosion in coastal city structures. [Read more.](#)

Researchers in Malaysia are testing the use of sludge from sewage waste water to increase concrete's durability and reuse waste products. [Read more.](#)



Looking to make your mix greener? Check out the articles below to read about some exciting developments.

CarbonCure Technologies has developed a green concrete technology, where carbon dioxide is injected into the concrete, making it stronger, faster curing and reducing its carbon footprint. [Read more.](#)

UTS is part of an international search for cement and aggregate alternatives to reduce concrete's carbon



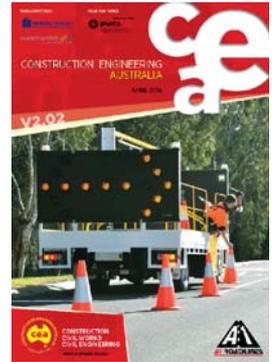
footprint. [Read more.](#)

Scientists at Queensland’s James Cook University have won an innovation award for a concrete mix using plastic fibres made from recycled plastic. [Read more.](#)

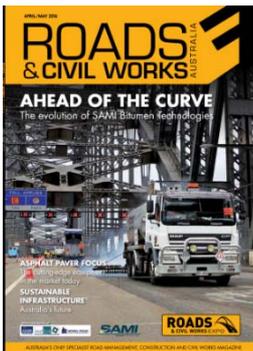
Case studies

The April edition of *Construction Engineering Australia* magazine has been released. Our National Precast feature includes:

- National Precast highlights urgent need for a new nationally adopted Code or Guide
- Member profile: Austral Precast
- Case study: Elwood Apartments (Hollow Core Concrete) – Precast delivers luxury housing
- Case study: Nepean Mental Health Centre (Austral Precast) – Precast aesthetics enhance the healing process.



[Read our feature from page 50 here.](#)



The April edition of *Roads & Civil Works Australia* magazine has been published, with our spread featuring:

- [Prioritising precast – National Precast supports Infrastructure Australia’s 15-year plan but calls for use of prefab to maximise project efficiencies](#)
- [Case study: Bruce Highway upgrade \(Humes\)](#)
- [Case study: Collie River Bridge \(MJB Industries\) – Precast concrete culvert solution for Collie River](#)

Also see [this video](#) that Curtin University has produced, showing a time lapse of the build during construction which shows off the speed of construction using precast.

DesignBUILD



Come and visit us this week at the National Precast stand, B12.

[DesignBUILD](#) brings together Australia’s architects, building professionals, contractors and designers with manufacturers,

suppliers and service providers who work across the residential and commercial industry sectors, for 3 days of networking and inspiration.

Why Attend?

- Explore 4 dedicated zones showcasing the latest innovation and products across:

Structural & Materials, Landscape & Outdoor, Interior Fixtures & Finishes and Technology.

- Sample and source products from over 300 brands from Australian and international distributors and re-sellers.
- Network with around 6,600+ industry professionals from the architecture, building, construction and design industries.
- Learn from speakers about emerging trends in sustainability, new technology and innovation in the DesignBUILD Speaker Series. National Precast's members will be there - hear about ramsetreid's graphic concrete™ and about some of Hollow Core Concrete's recent projects.



Phone: (08) 8294 0833 • Email: info@nationalprecast.com.au
Suite 2, 13 Brighton Road, Glenelg SA 5045

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