



National Precast - Engineering edition

May 2016

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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



Love precast and would like a free Precast Concrete Handbook? Limited offer!

Contact your local Precaster member and ask them to organise one for you. They will know what to do (and if they don't tell them to ask us!) Find your local member [here](#)

AS3850:2015 - 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.](#)

State Governments need to invest in infrastructure as a way of boosting economic growth and prosperity, increasing productivity and creating new jobs. The Federal Government has committed \$50 billion to infrastructure and according to National Precast CEO Sarah Bachmann, State Governments need to consider a similar investment. [Read more.](#)



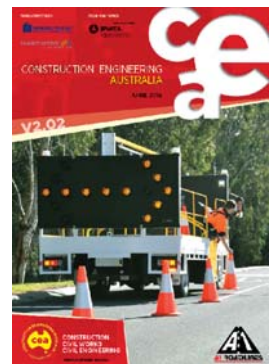
New technology in China is making bridge girder installation a breeze. The SLJ900/32 made by Beijing Wowjoint Machinery Company is a machine that replaces the need for a crane. [Watch SLJ900/32 in action in this great timelapse video.](#)

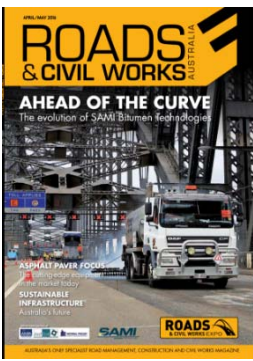
Case studies

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.



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