

CHRONOLOGY OF RECENT SRIA CONFERENCE PAPERS

Written by experts in testing, design, specification and construction, Steel Reinforcement Institute of Australia publications are developed specifically for use by practicing engineers, architects, builders and government personnel. Most are provided free of charge, and can be downloaded from the SRIA website at www.sria.com.au under Resources/Publications.

The SRIA website has been updated, with free pdf downloads of the most recent technical publications detailed below. This new suite of technical conference papers and reports covers the latest SRIA industry-funded research, which critically examines and analyses the performance of normal ductility or low ductility steel reinforcing product. It has significantly influenced the development of the Australian Standard for Concrete Structures, AS 3600, and the information can be readily applied to the design and construction of economical real projects.

CECAR5/ASEC 2010 - Australasian Structural Engineering Conference, Sydney, August 2010 (3 papers):

- **A Review of Recent Australian Bond Test Results and the New Stress Development Design Rules of AS 3600-2009** (Scott Munter, Dr Mark Patrick & Emeritus Prof Vijay Rangan)
- **New Design Tables for Development and Lap Splice Lengths in accordance with AS 3600-2009** (Scott Munter, Emeritus Prof Ian Gilbert & Dr Mark Patrick)
- **Review of Australian Support-Settlement Tests on Continuous, One-Way Reinforced-Concrete Slabs incorporating Low-Ductility Reinforcement** (Scott Munter, Dr Mark Patrick & Emeritus Prof Vijay Rangan)



CIA Concrete 2011, Perth - October 2011

- **New Design Rules and Tables for Development and Lap Splice Lengths to AS 3600-2009** (by Scott Munter & Dr Mark Patrick, and includes a recommended amendment to AS 3600-2009 concerning transverse reinforcement).

Curtin University Class L Mesh Slab Tests Reports (Vol 1-3) – 2nd Edition

- **Available on the Curtin University e-space, 11 July 2012** <http://espace.library.curtin.edu.au/R> and search Ian Chandler or at sria.com.au/publications (by Drs Ian Chandler and Natalie Lloyd)

ASEC 2012 - Australasian Structural Engineering Conference, Perth, July 2012 (2 papers, each in 2 parts)

- **SRIA's Class L Mesh Elevated Slab Tests: Part 1A – Objectives, Design & Details** (by Scott Munter and Dr Mark Patrick)
- **SRIA's Class L Mesh Elevated Slab Tests: Part 1B – Observations & Results** (by Scott Munter and Dr Mark Patrick)
- **SRIA's Class L Mesh Elevated Slab Tests: Part 2A – Strength Design to Concrete Structures Standard AS 3600-2009** (by Scott Munter and Dr Mark Patrick)
- **SRIA's Class L Mesh Elevated Slab Tests: Part 2B – Comparison of Design Strengths to AS 3600-2009 with Test Results** (by Scott Munter and Dr Mark Patrick)



CIA Concrete 2013, Gold Coast – October 2013

- **Recent Developments in the Design and Construction of Concrete Structures incorporating Low-Ductility Steel Reinforcement** (by Scott Munter and Dr Mark Patrick, and includes real project examples putting SRIA's research findings into practice while complying with Australian Standards)

www.sria.com.au/publications.html



SERVICES SRIA PROVIDES

Publications: Written by experts in design, specification and construction SRIA publications are designed specifically for use by practicing engineers, architects, builders and government. Most are provided free of charge and can be downloaded from the website.

Technical support: A comprehensive technical advice service is available to the construction industry on the design and use of reinforcing steel in concrete. Activities are coordinated from the National Office in Sydney where professional staff respond to technical enquiries. Further specialised support is accessible through a broad network of experts.

Office seminars: SRIA staff regularly visit consulting engineers, specifiers and builders to discuss industry issues, projects and to further develop knowledge on the use of steel reinforcement and construction methods. Free in-house lectures are available on request.

Special research: Recent SRIA research projects include reinforcement bond tests and an extensive testing program for Class L mesh slabs. This important research is bringing the latest information and design requirements to practitioners.

Industry leadership: SRIA staff present technical papers at major national and international conferences on the latest advances in the use of steel-reinforced concrete. Copies of SRIA papers are available free of charge from the website.

Professional development: As part of its commitment to the future of Australia's building industry, the SRIA lectures at universities providing up-to-date design and specification materials free of charge to over 3,000 students every year.

Awarding excellence: The SRIA presents annual Undergraduate Award for Excellence in Reinforced Concrete Design. This is a cash prize for the student who gains the highest mark in the subject in which the SRIA lecture is delivered.

Industry linkage: The SRIA works collaboratively with like associations to develop areas supporting design, education and market development.

Australian Standards: The SRIA is committed to modern easy-to-use design standards for steel-reinforced concrete construction in Australia. The SRIA contributes to all related Australian Standards committees. SRIA staff will assist with queries regarding the interpretation of these standards.

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