Construction and Design Defects in High-Rise Buildings
Dangerous Decks and Balconies - leaking buildings
Waterproofing challenges, Roofs, Walls and Floors
inc Box Gutters and Overflows - Design Compliance
Gutters, Downpipes and Flashings

ARCHITECTS - BUILDERS- DESIGNERS- BUILDING SURVEYORS- ENGINEERS- ROOF PLUMBERS

WED 14th MARCH 2018
KARSTENS CONFERENCE CENTRE MELBOURNE
123 Queen St, Melbourne

Cost: $130pp inc afternoon tea
Time: 1.00pm - 5.00pm

Register at www.adebevents.com
Call 1300 667 709 or email events@jazcorpaustralia.com.au for more information

SPEAKER
Australian Institute of Waterproofing President
Paul Evans
&
David Hepworth
Terry Bush
Building Consultant

Waterproofing membranes for external above-ground use
Materials - Roofs Decks Balconies includes
AS 4654.1 2012 PART 1 MATERIALS & PART 2 DESIGN AND
INSTALLATION SUPERSEDES AS 4654.1-2009
The objective of this Standard is to provide a consistent and reliable approach to the
design and installation of external waterproofing membrane systems for roofs, decks &
balconies. The purpose of this revision was to align this Standard with the protocols and
requirements as set out by the Australian Building Codes Board (ABCB).

Designing and Installing Box- Gutters -
Achieving Compliance with relevant Victoria Regulations
Leaking box gutters are one of the most common causes of roof leaks.

Long term box gutter leaks into the brick wall can cause the end of the
rafter or floor joist to rot and sag under the weight of the roof or
floor.

Box gutters are deemed to satisfy in meeting the performance
requirements of the National Construction Code if they are certified to
meet one of the following referenced Australian Standards

• AS/NZS 3500.3 Plumbing and drainage
  Part 3: Stormwater drainage.
• AS/NZS 3500.5 Plumbing and drainage - Part 5: House installations.

Architects, draftpersons, builders and other practitioners responsible
for designing a box gutter need to ensure that the overall design and
installation will be compliant with relevant regulations.

These regulations and challenges will be discussed

Victorian Building Regulations 2017
Waterproofing Mandatory Inspections -
Updates and impacts for Builders and
Building Surveyors

AS/NZS 3500.3 Roof & Wall Cladding -
Steel Technologies & Insulated Roof Panels - The
challenges of designing and installing metal roofs

AS/NZS 2904 Damp Proof Courses and
Flashings - Specifies requirement for damp-proof
course and flashing materials of the sheet
membrane, strip and collar type for use in building
construction.

Understand design and installation intricacies of
detailing roof and wall flashing for metal cladding

Steve Mort - National Technical Manager
‘Construction in Australia – 50 times more
expensive than it should be’

Learning Outcomes

• Identifying major water problems in New
  Construction
• Air conditioning impacts on moisture
• Apply AS3740 and NCC 2016 to ensure
  waterproofing of internal wet areas
• Understand why most buildings are lasting
  less than 10 years

CALL 1300 667 709 or
Email: events@jazcorpaustralia.com.au
Register at www.adebevents.com