

Waterproofing in Construction

Course Information Sheet

About the course

This course is delivered by **Master Builders Association of Victoria (RTO no 3935)**.

This course is designed to educate the personnel involved in the planning or designing stage of a project, assist in the selection of materials and methods, and the application of various types of waterproofing mediums used in construction. The course gives a practical common sense approach to utilize the Australian Standards at hand and apply the everyday practicable mentality to waterproofing.

Attendees will see examples of both good and bad waterproofing to aid in their understanding of projects that have failed and the reasons for the failure, thus learning from other's mistakes. The Open Communication encouraged in this course amongst industry speakers and participants is a very useful way to gain information.

Topics Covered

There will be three sessions, with one session dedicated to each topic:

Session 1 – Internal Waterproofing – Domestic Wet Areas

This session covers compliance to standards and practical application techniques. It includes:

- waterproof and water-resistant materials
- extent of waterproofing application
- junction sealants and bond breakers
- grated channels
- open unenclosed showers and;
- water stops and application certificates

Session 2 – External Waterproofing – Decks and Planter Boxes

This session covers compliance to standards and practical application techniques. It includes

- deck types
- door sill and vertical terminations

- treatment of movement joints and penetrations
- falls and drainage
- outfalls
- planter box requirements and application certificates

Session 3 – Below Ground Waterproofing – Barriers, Components and Drainage

This session includes:

- membrane selection and types
- negative pressure membranes and uses
- termination details
- protection of membranes
- water stops and hydrophilic barriers
- drainage trenches and breathers
- and application certificates

Learning outcomes

Students will have gained the skills and knowledge to:

- Review a project in the planning for potential water ingress.
- An understanding of the Australian Standards and compliance issues.
- Reading drawings to identify waterproofing requirements.
- Apply a practicable approach to the selection of materials and application.
- Gain a deeper understanding of the critical path for installing waterproofing systems.
- Understanding the safety requirements of roof and underground applications.
- Correct preparation of surfaces.
- Chemistry, plumbing and electrical awareness for membranes.
- Understanding the sign off responsibilities of completed projects.
- Services the Australian Institute of Waterproofing can offer you.

Who should study this course?

This course is suitable for:

IS YOUR BUILDER A MASTER BUILDER?



- Building Practitioners
- Water proofer's
- Ceramic Tilers
- Architects
- Engineers
- Electricians
- Plumbers
- Air Conditioning and Solar Panel installers
- Designers
- Building Surveyors
- Site Managers
- Foreman
- Estimators; and
- other industry professionals who have responsibility to ensure a construction project is made watertight and shall perform correctly for a given period of time (min 10 years).

Training recommendations

There are no pre-requisites for this course.

Learning support

Master Builders provides additional support to students who require assistance in completing their course assessments and requirements. A range of support services are available to students who experience literacy, numeracy and digital literacy difficulties.

Master Builders encourages all individuals with disabilities to apply for training courses in accordance with the requirements of the Equal Opportunity Act (Vic) 2010 and related legislation. Master Builders further encourages individuals from all social, racial, cultural and educational backgrounds to apply.

Course structure and duration

Each session of the course is delivered in face-to-face classes for **4.5 hours**.

IS YOUR BUILDER A MASTER BUILDER?



Waterproofing in Construction

Upon successful completion of this course, student will receive a Statement of Attendance per session from **Master Builders Association of Victoria (RTO no 3935)** for participating in this course.

Course fees

Please note the following fee categories:

Category	Fee per session
Master Builders Member	\$120
Master Builders Member + Incolink contributor *	\$95
Non-Member + Incolink contributor*	\$200
Non Member	\$265
ALink Student Member	\$160

Note:

- The student tuition fees as published are subject to change given individual circumstances at enrolment.
- Eligible Incolink contributors are current Incolink financial members who pay into the Incolink Training Levy.

For a full **statement of fees** please contact 9411 4555 or email training@mbav.com.au.

Master Builders training policies

<http://www.mbavtraining.com.au/content/policies-and-procedures/>

IS YOUR BUILDER A MASTER BUILDER?

