

# Waterproof Training for the Construction Industry

## Course Information Sheet

### About the course

This non-accredited short 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 utilise the Australian Standards at hand and apply the everyday practicable mentality to waterproofing.

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

### Topics covered

There are three sessions, with each session dedicated to a separate topic:

#### Session 1 – Internal Waterproofing – Domestic Wet Areas

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

- waterproof and water-resistant materials
- the 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 with 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

You 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 the 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 for Building Practitioners, Waterproofers, Ceramic Tilers, Architects, Engineers, Electricians, Plumbers, Air Conditioning and Solar Panel Installers, Designers, Building Surveyors, Site Managers, Foremen, Estimators, and other industry professionals who have responsible for ensuring that a construction project is made watertight and performs correctly for a given period of time (minimum 10 years).

## Safe training protocols

The following hygiene guidelines will be implemented for face-to-face training by Master Builders Victoria to ensure a safe environment for all staff and students-

- Facilities and equipment are regularly cleaned and sanitised.
- All students and staff are requested to practice good hygiene.
- Anyone who is unwell or is required to self-isolate is requested to stay at home and not attend the training.

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## What you need to bring to class

You must bring.

- Photo ID

## Learning support

Master Builders Victoria 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, digital literacy and numeracy difficulties.

Master Builders Victoria 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 Victoria further encourages individuals from all social, racial, cultural and educational backgrounds to apply.

## Course structure and duration

The course is delivered face-to-face.

There are three separate sessions, and each session will run for 4.5 hours.

Upon successful completion of this course, you will be awarded a Statement of Attendance by The Master Builders Association of Victoria (RTO no 3935).

## Master Builders Victoria training policies

Refer to the following link for a list of Master Builders' training policies:

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

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