



**Master
Builders
Association**
New South Wales

CPC50722 DIPLOMA OF CONSTRUCTION WATERPROOFING DESIGN AND SURVEY ONLINE

INFORMATION BROCHURE



OVERVIEW

Master Builders Association of NSW Pty Ltd (Master Builders) is a Registered Training Organisation offering nationally recognised qualifications and courses across New South Wales which meet national industry standards.

The **CPC50722 Diploma of Construction Waterproofing Design and Survey** course offered by Master Builders is designed to meet the needs of specialists who apply knowledge of construction methods, compliance requirements and materials to implement waterproofing services for professional and statutory requirements.

Participants will be assessed against skills and knowledge that meet current industry requirements for the building sector. Industry requires that all units of competency be undertaken in a real or accurately simulated workplace environment.

This qualification provides an outcome in waterproofing design and survey, covering residential and commercial work. Upon successful completion you will achieve qualification **CPC50722 Diploma of Construction Waterproofing Design and Survey** or a Statement of Attainment for units deemed competent.

ENROLMENT

You will be required to provide evidence of meeting entry requirements upon enrolment, including any transcripts you have achieved from any prior training.

On enrolment, you will be required to provide copies of:

- Drivers licence (photo ID with address)
- Green Medicare Card or Passport
- A valid White Card

Participants will require sufficient language, literacy, and numeracy skills to be able to engage in the assessment and to perform workplace tasks such as calculating materials, interpreting building plans and specifications, and recording work outcomes. If you require assistance, please contact us to discuss options available to you.

This course will require a study commitment of approx. 10-15 hours per week. It is anticipated that the course may take up to 24 months to complete.

ENTRY REQUIREMENTS

Master Builders applies the following entry requirements:

- Experience: a minimum of three (3) years full-time equivalent industry experience in a role that requires an in-depth understanding of waterproofing systems. This may include waterproofing consultants, builders, architects, engineers and other relevant qualifications, **OR** a qualified and experienced waterproofing contractor with at least five (5) years of industry experience in large residential and commercial projects. **AND**
- Reference: employment reference from licenced / qualified person who you have worked for at least 12 months that confirms your employment history
- Site Access: access to sites and a valid White Card (General Construction Induction Card)
- access to building projects up to three (3) storeys for;
 - Residential – NCC Class 1 and 10 buildings, and
 - Commercial – NCC Class 2 to 9, Type C and B construction
- Entry Quiz: achieve at least 65% during your application process
- Computer Literacy: advanced computer skills and access to relevant technology
- Resources: own tools, equipment and resources to be able to undertake practical projects

SCOPE OF WORK

This qualification requires an understanding of compliance requirements for waterproofing in both residential and commercial settings, including traditional, new and emerging construction methods and materials to ensure compliance.

The scope of work undertaken may include:

- conducting waterproofing inspections
 - at point of construction
 - on existing building to identify issues and remediation requirements
- designing waterproofing for new construction
- designing remedial waterproofing solutions for existing buildings

It includes working in collaboration with specialist consultants to assess and verify that proposed and actual building works are compliant to ensure the safety of building occupants in support of principal designer and principal certifier.



COURSE STRUCTURE

The course is delivered in a flexible manner with a maximum enrolment period of 24 months. It is possible to complete this course in a shorter timeframe if you hold a CPC40120 Certificate IV in Building and Construction as there are units which are common to both qualifications.

The course is conducted online, via our online learning platform with interactive sessions available on weekday afternoons and evenings for each subject.

Sessions are accessed via the online portal.

Each online session will be presented by our industry expert trainers within a virtual classroom environment.

Participant course work includes:

- learner notes
- online lessons
- project work
- research that the participant may undertake

Participants are expected to dedicate 10-15 hours per week. Assessments must be submitted in a timely manner so that feedback can be provided and course can be finalised within four weeks of completing all course requirements.

To achieve the **CPC50722 Diploma of Construction Waterproofing Design and Survey**, you will need to successfully complete all subjects.

You are required to complete all online courseware and all assessments within a maximum of twenty four (24) months. Online tutorial sessions will also be made available to support you in completing subjects.

RESOURCE REQUIREMENTS

The online tutorial pathway will require you to have access to at least the below items:

- Computer with internet access, Adobe Reader and Microsoft programs to access:
 - Online learning materials & courseware
 - Assessment materials
 - Online, interactive tutorial sessions
- Currently working in the building and construction industry in a waterproofing design and survey relevant role and have access to company policies and procedures and any standard forms / contracts used in building and construction.
- NCC and relevant Australian Standards
- Medium rise project plans and specifications for both residential and commercial projects, including waterproofing related specifications.

ASSESSMENT METHOD

You will be required to complete your assessment activities online, including sections for:

- Knowledge questions
- Project portfolio

The knowledge questions are a series of questions designed to be answered comprehensively. These questions relate to different units within the qualification and assess understanding of tasks and processes within the construction industry.

The projects are based on simulated building and construction projects, including apartment buildings and hospitals. They draw upon your skills in the subject area and encourage you to apply these skills in your own workplace. These tasks include documentary evidence, whereby the completion of forms / contracts and other related documents are required to be uploaded into your online learning portal. Detailed instructions of evidence required and tasks to be undertaken are included in the online portal.

Assessments are to be submitted online (via the portal). Assessment activities may require you to have access to:

- National Construction Code
- Australian Standards
- British Standard for Below Ground Waterproofing
- Company safety documentation
- Project plans and specifications
- Medium rise project plans, including commercial and residential

Once your assessment has been submitted, your trainer / assessor will enter feedback and your results online. You will be notified by email accordingly.

FEES AND SUBSIDIES

A general guide to fees for this qualification pathway is:

Diploma units only (you already hold CPC40120)	
Master Builders Member Rate	\$2,750
Non-Member Rate	\$3,000
All Diploma units (you don't hold CPC40120)	
Master Builders Member Rate	\$3,950
Non-Member Rate	\$4,250

MBA does not accept more than \$1,500 in advance of service being provided. Please refer to website for fees. CPC40120 – Certificate IV in Building and Construction.





COURSE STRUCTURE

In order to successfully achieve the **CPC50722 Diploma of Construction Waterproofing Design and Survey**, participants must be assessed as competent in sixteen (16) units of competency. The units of competency offered by Master Builders are:

CODE	UNITS OF COMPETENCY
Participants must undertake the following <u>mandatory</u> core units:	
BSBAUD513	Report on quality audits
CPCCBC4003	Select, prepare and administer a construction contract
CPCCBC4012	Read and interpret plans and specifications
CPCCBC4014	Prepare simple building sketches and drawings
CPCCWP5001	Design below ground waterproofing
CPCCWP5002	Design external above ground waterproofing
CPCCWP5003	Design waterproofing to internal wet areas
CPCCWP5004*	Determine origin of water and moisture ingress into buildings
CPCCWP5005*	Prepare a scope of works for remedial waterproofing
CPCCWP5006	Survey waterproofing systems
CPPBDN5110	Inspect and assess sites to inform the design process
Participants are also required to undertake five (5) <u>elective</u> units:	
CPCCBC4001	Apply building codes and standards to the construction process for Class 1 and 10 buildings
CPCCBC4053	Apply building codes and standards to the construction process for Class 2 to 9, Type C buildings
CPCCBC4024	Resolve business disputes
CPCCBC4008	Supervise site communication and administration processes for building and construction projects
CPCWHS1001	Prepare to work safely in the construction industry

Note:

Where you already hold qualification CPC30420 Certificate III in Construction Waterproofing, the only elective units that are eligible for Credit Transfer appear below:

CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
CPCCWP3005*	Assess construction waterproofing processes

Please provide us with a copy of your qualification and transcript upon enrolment to determine your eligibility for Credit Transfer. There may be other units on your transcripts where you hold CPC40120 or CPC50220 Certificate IV in Building and Construction, however this will be determined on an individual basis.

